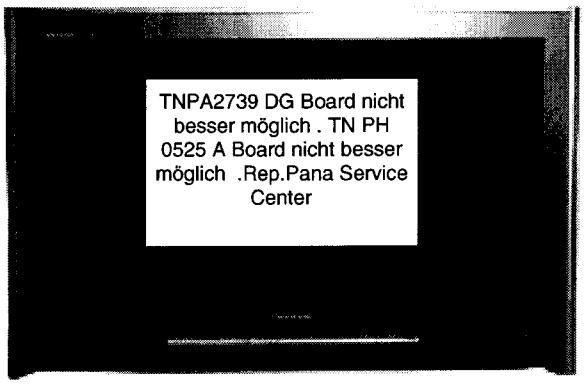
ORDER No. SM-03010

Service Manual



Colour Television
TX-32/36PD30D
TX-32/36PD30F
TX-32/36PD30F/P
GP1 Chassis

SPECIFICATIONS

Power Source: 220-240V a.c., 50Hz

Power Consumption: 145W (32"), 158W (36")

Stand-by Power Consumption: 0.5W

Aerial Impedance: 75Ω unbalanced, Coaxial Type

Receiving System: PAL I, B/G, H, D/K, PAL-525/60
SECAM L/L', B/G, D/K
M.NTSC
NTSC (AV only)

Receiving Channels:

VHF E2-E12	VHF H1-H2 (ITALY)
VHF A-H (ITALY)	VHF R1-R2
VHF R3-R5	VHF R6-R12
UHF E21-E68	CATV (S01-S05)
CATV S1-S10(M1-M10)	CATV S11-S20(U1-U10)
CATV S21-S41(HYPERBAND)	

Intermediate Frequency:
Video/Audio

Video	38.9MHz, 34MHz
Audio	32.9MHz, 33.16MHz, 33.4MHz 40.4MHz, 32.4MHz (A2 STEREO) 33.05MHz, 34.05MHz (NICAM) 32.66MHz, 32.4MHz (CZECH STEREO) 32.95MHz (NICAM)
Colour	34.47MHz (PAL) 34.5MHz, 34.65MHz (SECAM)

Terminals:

AV1 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	RGB (21 pin)	
AV1 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 1kΩ
AV2 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	S-Video IN (21-pin)	Y: 1V p-p 75Ω C: 0.3V p-p 75Ω
AV2 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 1kΩ
	Selectable output (21 pin)	
AV3 IN	S-Video IN (4-pin)	Y: 1V p-p 75Ω C: 0.3V p-p 75Ω
	Audio (RCAx2)	500mV rms 1Video
	Video (RCAx1)	1V p-p 75Ω
AV4 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	S-Video IN (21-pin)	Y: 1V p-p 75Ω C: 0.3V p-p 75Ω
	RGB (21 pin)	
AV4C Component Video In	Y (RCA x 1)	1V p-p 75Ω
	Pb (RCA x 1)	1V p-p 75Ω
	Pr (RCA x 1)	1V p-p 75Ω
AV4 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 1kΩ
AV5 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
AV5 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	Audio Monitor Out	(RCA x 2)

High Voltage: 32kV ± 1kV

Picture Tube:

W76LXK085X01	76cm (32")
W86LXK085X01	86cm (36")

Audio Output: (Music Power) Front Left/Right 2 x 20W
Subwoofer 24W
8Ω Impedance

Digital Audio Input Coaxial / Optical

Headphones: 8Ω Impedance
3.5mm

Accessories supplied : Remote Control
2 x R6 (UM3) Batteries

Dimensions:	**32"**	**36"**
Height:	579mm	644mm
Width:	795mm	897mm
Depth:	533mm	588mm
Net weight:	59kg	82kg

Specifications are subject to change without notice.
Weights and dimensions shown are approximate.

Panasonic

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SAFETY PRECAUTIONS

GENERAL GUIDE LINES

1. It is advisable to insert an isolation transformer in the a.c. supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts that have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the a.c. outlet.
5. Potentials as high as 33kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazard.

LEAKAGE CURRENT COLD CHECK

1. Unplug the a.c. cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered a.c. plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis, the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis, the reading must be infinite.

LEAKAGE CURRENT HOT CHECK

1. Plug the a.c. cord directly into the a.c. outlet. Do not use an isolation transformer for this check.
2. Connect a 2kΩ 10W resistor in series with an exposed metallic part on the receiver and an earth, such as a water pipe.
3. Use an a.c. voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed metallic part and check the voltage at each point.
5. Reverse the a.c. plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4V rms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

X-RADIATION WARNING

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that the jig is capable of handling 33kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

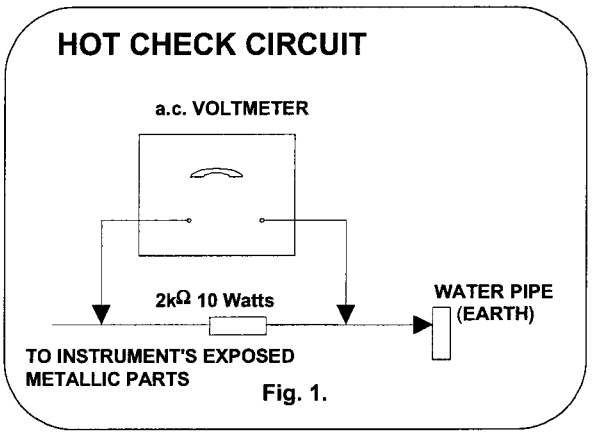


Fig. 1.

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate. 32kV ± 1Kv.
   If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

SERVICE HINTS

How to remove the rear cover

1. Remove the 13 screws as shown in **Fig.2.**

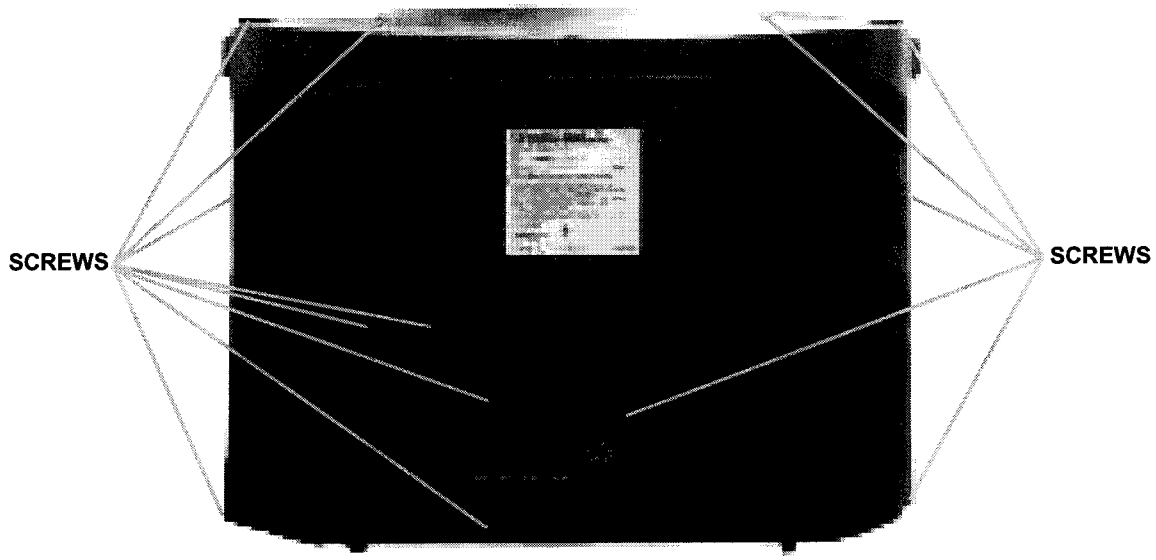


Fig.2.

LOCATION OF CONTROLS

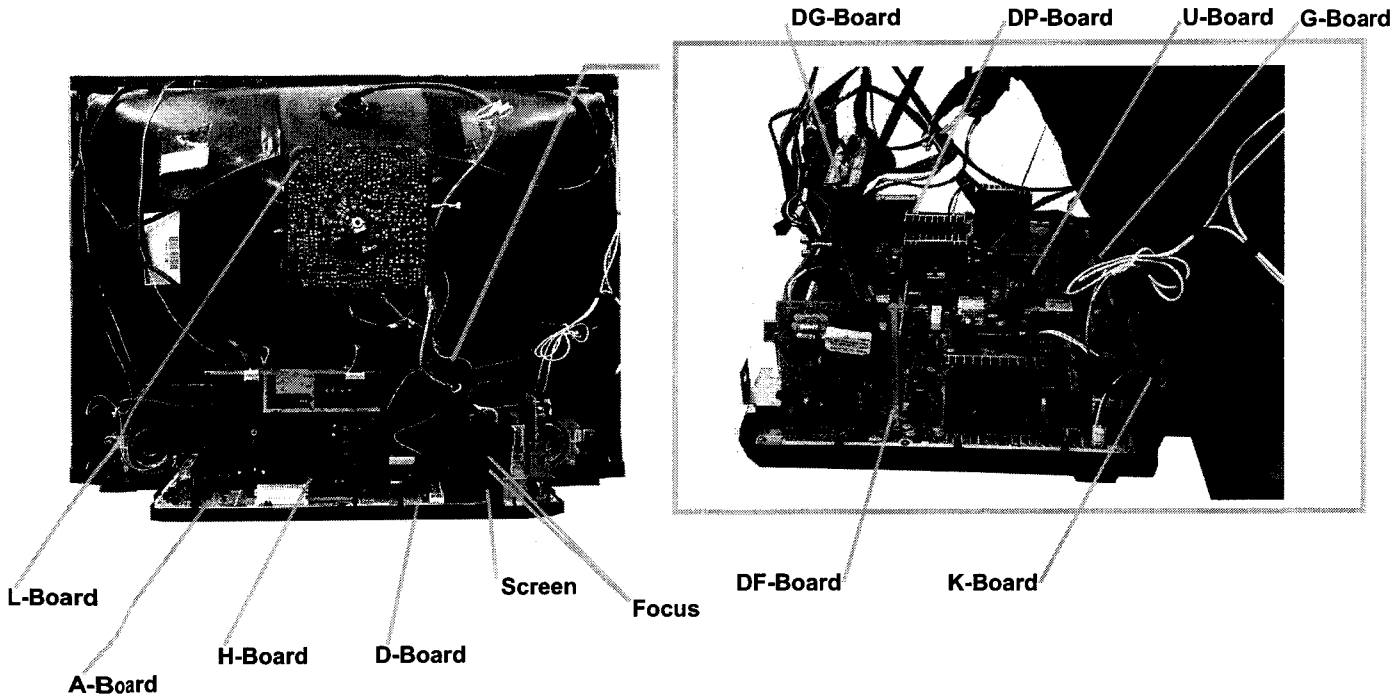


Fig.3.

ADJUSTMENT PROCEDURE

Item / Preparation	Adjustment/Confirmation
+B SET-UP 4. Receive a Window pattern. 5. Set the controls :- Brightness Minimum Contrast Minimum Volume Minimum	Confirm the following voltages. **A - Board** A1 Pin3 7 ± 0.2V A1 Pin4 7 ± 0.2V A2 Pin6 -15 ± 0.2V A2 Pin7 -15 ± 0.2V A2 Pin8 15 ± 0.2V A2 Pin9 15 ± 0.2V A3 Pin2 4.5 ± 0.2V A3 Pin4 4.5 ± 0.2V A3 Pin6 4.5 ± 0.2V A2 Pin16 12 ± 0.2V A1 Pin2 7 ± 0.2V A1 Pin15 40 ± 0.2V A1 Pin16 40 ± 0.2V A3 Pin10 30 ± 0.2V A44 Pin21 5 ± 0.5V A44 Pin11 9 ± 0.5V TPA18 2.5 ± 0.5V A1002 Pin1 3.3 ± 0.5V A1002 Pin14 2.5 ± 0.5V A1002 Pin3 5 ± 0.5V IC2303 8.3 ± 0.5V RT2 Pin1 7.53 ± 0.5V RT2 Pin4 7.53 ± 0.5V **D – Board** TPD7 12 ± 2V TPD8 3.3 ± 1V TPD9 38.17 ± 1V TPD10 -6.5 ± 1V TPD13 15.5 ± 5V TPD14 -15.5 ± 5V TPD15 144 ± 2V TPD17 30 ± 2V TPD18 6.5 ± 1V D2 PIN6 -15.0 ± 5V TPD35 220.0 ± 10V
CUT OFF 1. Receive a Window pattern. 2. Degauss the tube externally. 3. Set the TV into Service Mode 1. 4. Select Sub brightness mode.	To adjust **Cutoff** connect an oscilloscope to the Blue cathode. Adjust **"Cutoff"** value using the **"Yellow"** and **"Blue"** buttons until the black level is 170V ± 5V, press **"STR"** to store the value. Remove the oscilloscope. Select **Highlight/Lowlight** mode press **"5"** to collapse the screen and adjust the screen **"VR"** until the display is just visible, press **"5"** to return to service mode. Using the **"Yellow"** and **"Blue"** buttons adjust until optimum picture white balance is achieved, press **"STR"** to store the value. Select **Sub Brightness** mode and adjust until optimum picture brightness is achieved.

SELF CHECK

Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.
To get into Self-Check mode press the down **(-/v)** button on the customer controls at the front of the TV set, at the same time pressing the **STATUS** button on the remote control, and the screen will show: -

Factory use only

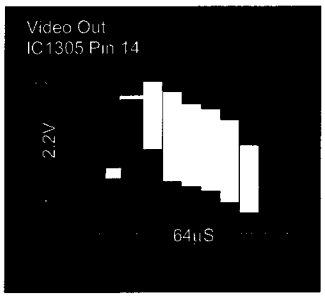
MEM	**:**	**O.K.**				**Sum**	**:**	********
GC2M	**:**	**O.K.**		**TX-32/36PD30D**		**TX-32/36PD30F**		**TX-32/36PD30F/P**
GC2P	**:**	**O.K.**	**OPTION 1:**	**0F**		**0F**		**0F**
GC2S	**:**	**O.K.**	**OPTION 2:**	**00**		**00**		**00**
GC2V	**:**	**O.K.**	**OPTION 3:**	**B9**		**B9**		**B9**
EFC	**:**	**O.K.**	**OPTION 4:**	**11**		**11**		**11**
HAD	**:**	**O.K.**	**OPTION 5:**	**00**		**00**		**00**
LSYNC	**:**	**O.K.**	**OPTION 6:**	**A0**		**A0**		**A0**
AVSW	**:**	**O.K.**	**OPTION 7:**	**7F**		**7F**		**7F**
TUN1	**:**	**O.K.**	**OPTION 8:**	**D0**		**50**		**50**
TUN2	**:**	**- -**	**OPTION 9:**	**0E**		**0E**		**0E**
DAC1	**:**	**O.K.**	**OPTION 10:**	**80**		**80**		**80**
DAC2	**:**	**- -**	**OPTION 11:**	**19**		**19**		**19**
MSP	**:**	**O.K.**	**OPTION 12:**	**40**		**40**		**40**
DPL	**:**	**- -**	**OPTION 13:**	**01**		**01**		**01**
DOLBY	**:**	**- -**	**Check:**	**B0**		**30**		**30**

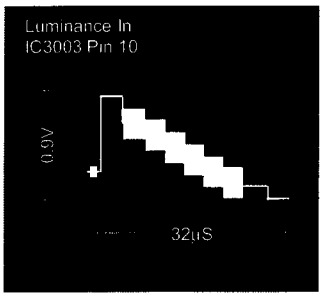
To exit Self-Check, switch off the TV set at the power button.

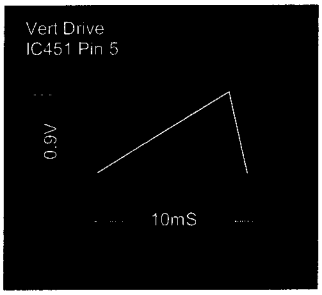
If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place of "O.K.".

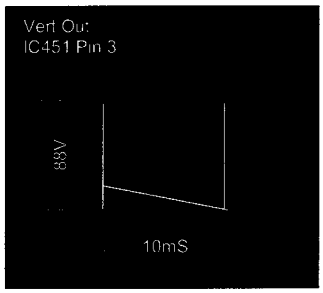
WAVEFORM PATTERN TABLE

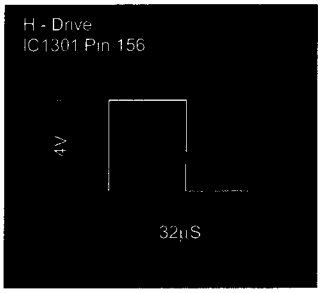
Note: All waveforms have been taken using a standard colour bar pattern.

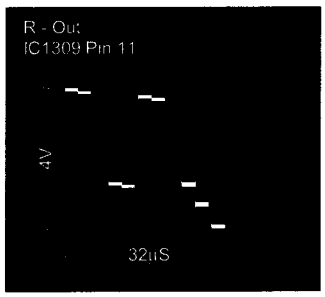


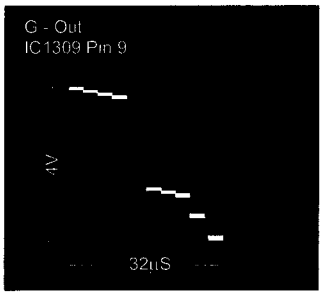


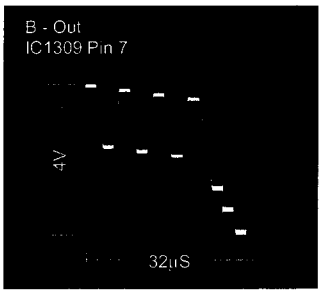


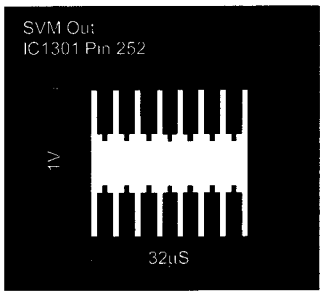


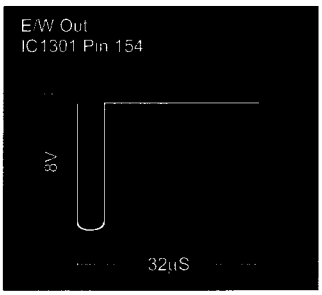












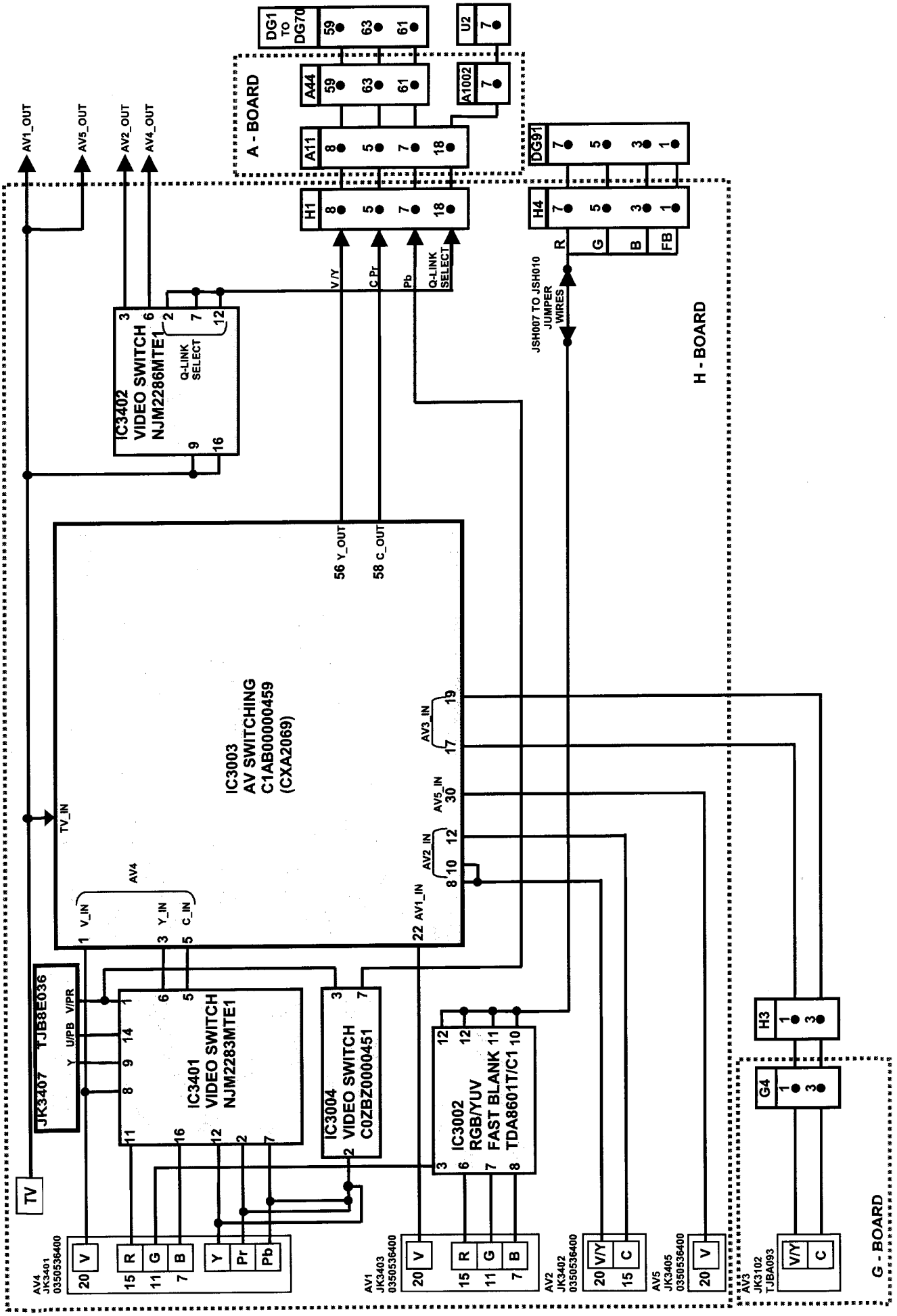
ALIGNMENT SETTINGS

(The figures below are nominal and used for representative purposes only.)

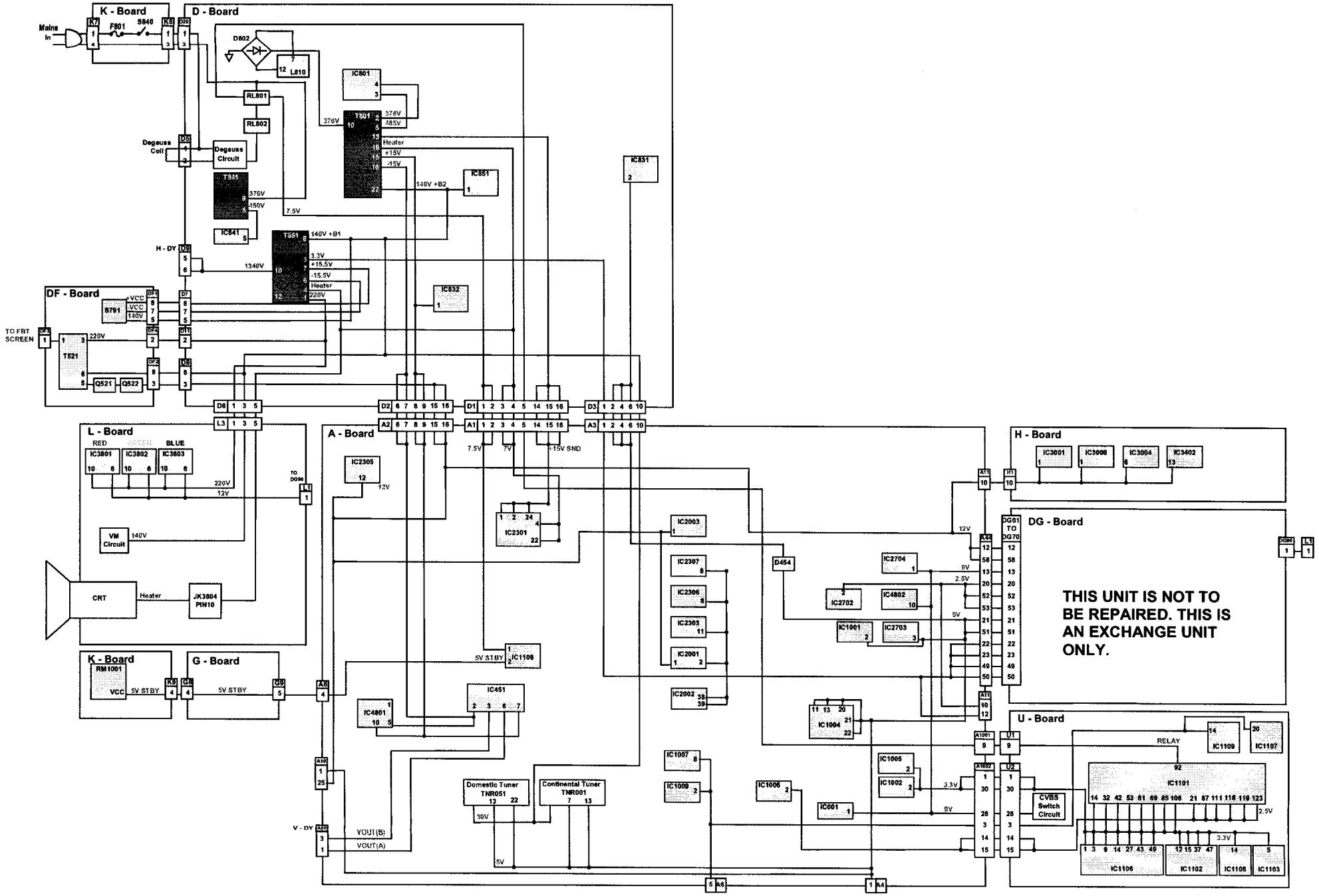
1. Set the Bass to maximum position, set the Treble to minimum position, press the down button **(- / v)** on the customer controls at the front of the TV and at the same time press the **INDEX** button on the remote control, this will place the TV into the Service Mode.
2. Press the **RED / GREEN** buttons to step up / down through the functions.
3. Press the **YELLOW / BLUE** buttons to alter the function values.
4. Press the **STR** button after each adjustment has been made to store the required values.
5. To exit the Service Mode, press the **"N"** button.

Alignment Function		**Settings / Special features**
Horizontal Position	H – Pos 456	Optimum setting.
Vertical Position	V – Pos 108	Optimum setting.
Horizontal Amplitude	H – Amp 45	Optimum setting.
Vertical Amplitude	V – Amp 45	Optimum setting.
Parabola	Parabola 95	Optimum setting.
Trapezoid	Trapezoid 129	Optimum setting.
Horizontal Parallel	H – Parallel 9	Optimum setting.
Vertical Linearity	V – Linear 164	Optimum setting.
Top Corner	Top – Corner 175	Optimum setting.
Bottom Corner	Bottom – Corner 165	Optimum setting.
Vertical Symmetry Correction	V – S – Correct 76	Optimum setting.
Center Correction	C – Correct 7	Optimum setting.
DAF - Phase	H - DAF – Phase 43	Optimum setting.
Highlight Lowlight	High 0145 0128 0130 Low 0492 0512 0348	Optimum setting.
Sub-Brightness	Sub-Brightness 130	Optimum setting.
Video Gain 2	Video Gain 2 22	Optimum setting.
Splitter Gain (Tuner)	SPL. Gain 0	Optimum setting.
Sub-Geomagnetic	Sub- Geomagnetic 16	Optimum setting.

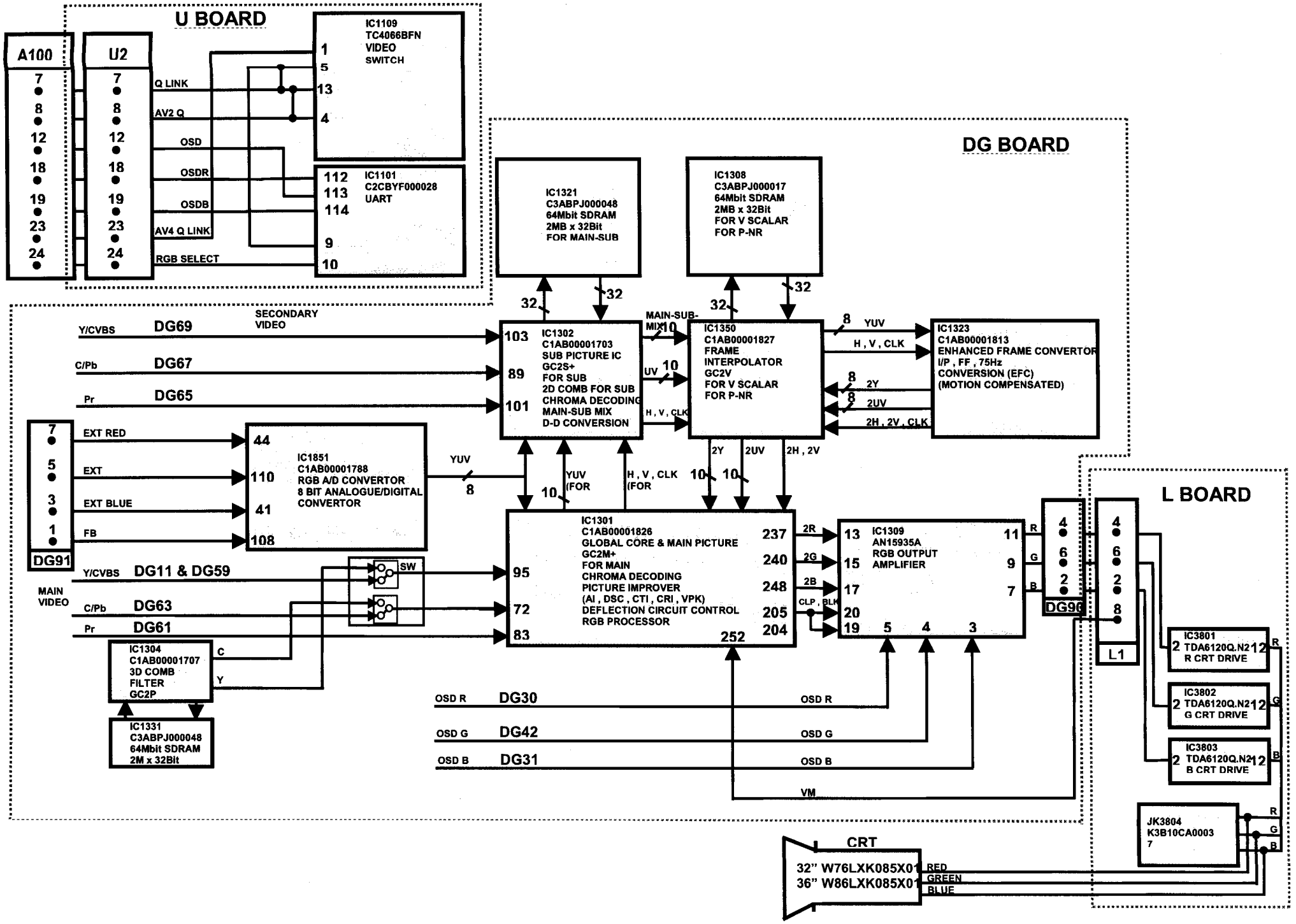
VIDEO BLOCK DIAGRAM (1 OF 2)



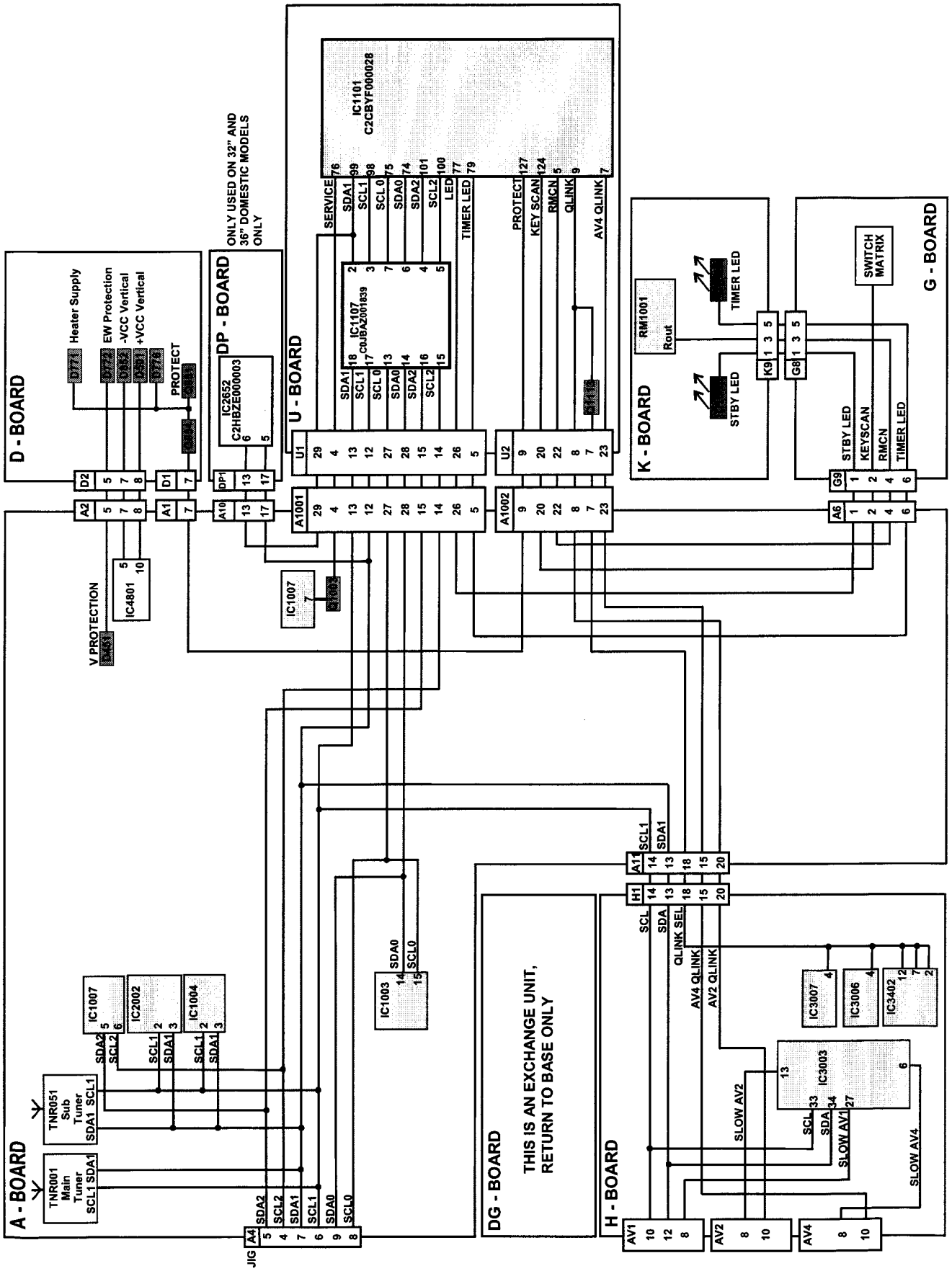
POWER BLOCK DIAGRAM



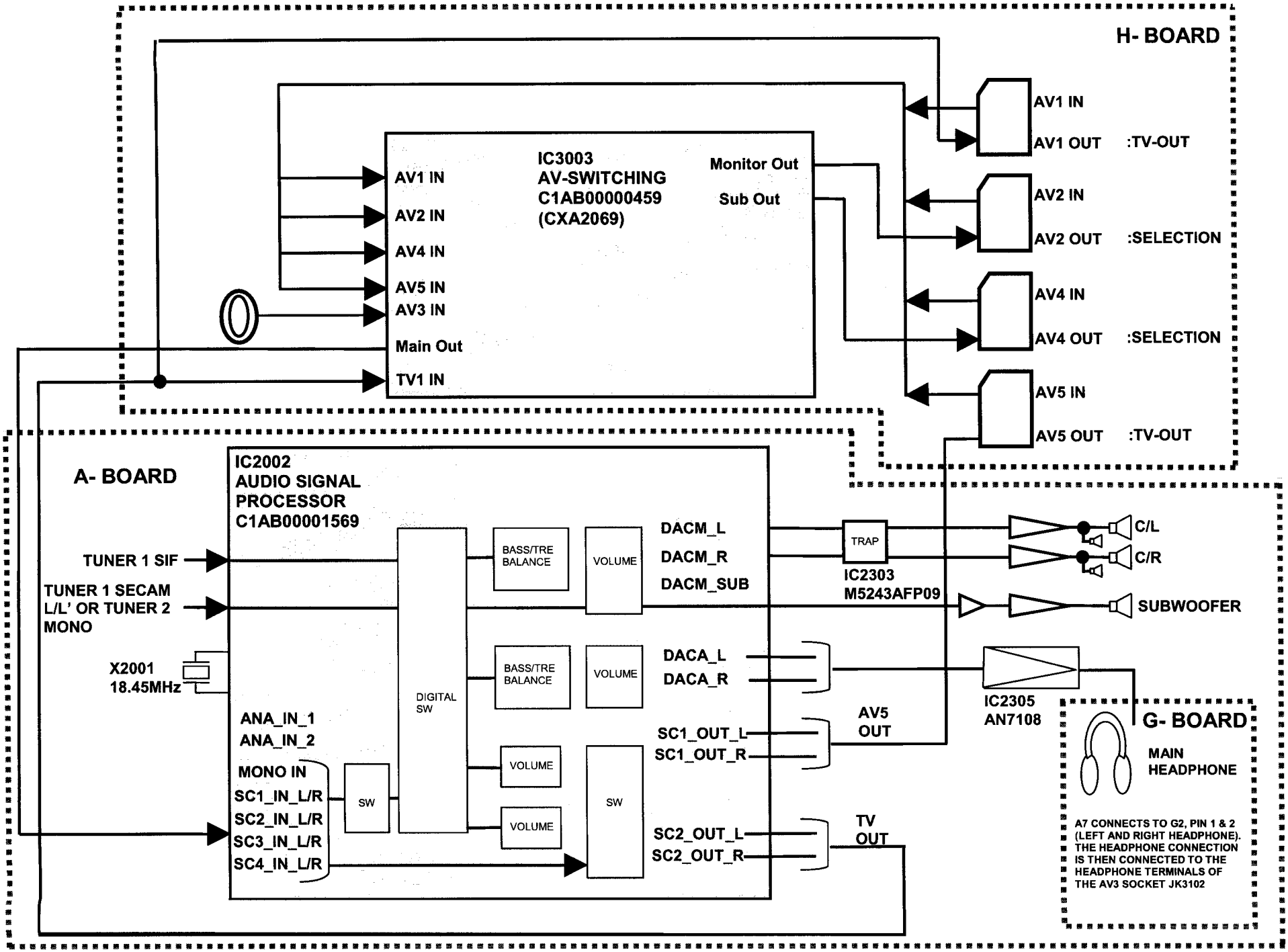
VIDEO BLOCK DIAGRAM (2 OF 2)



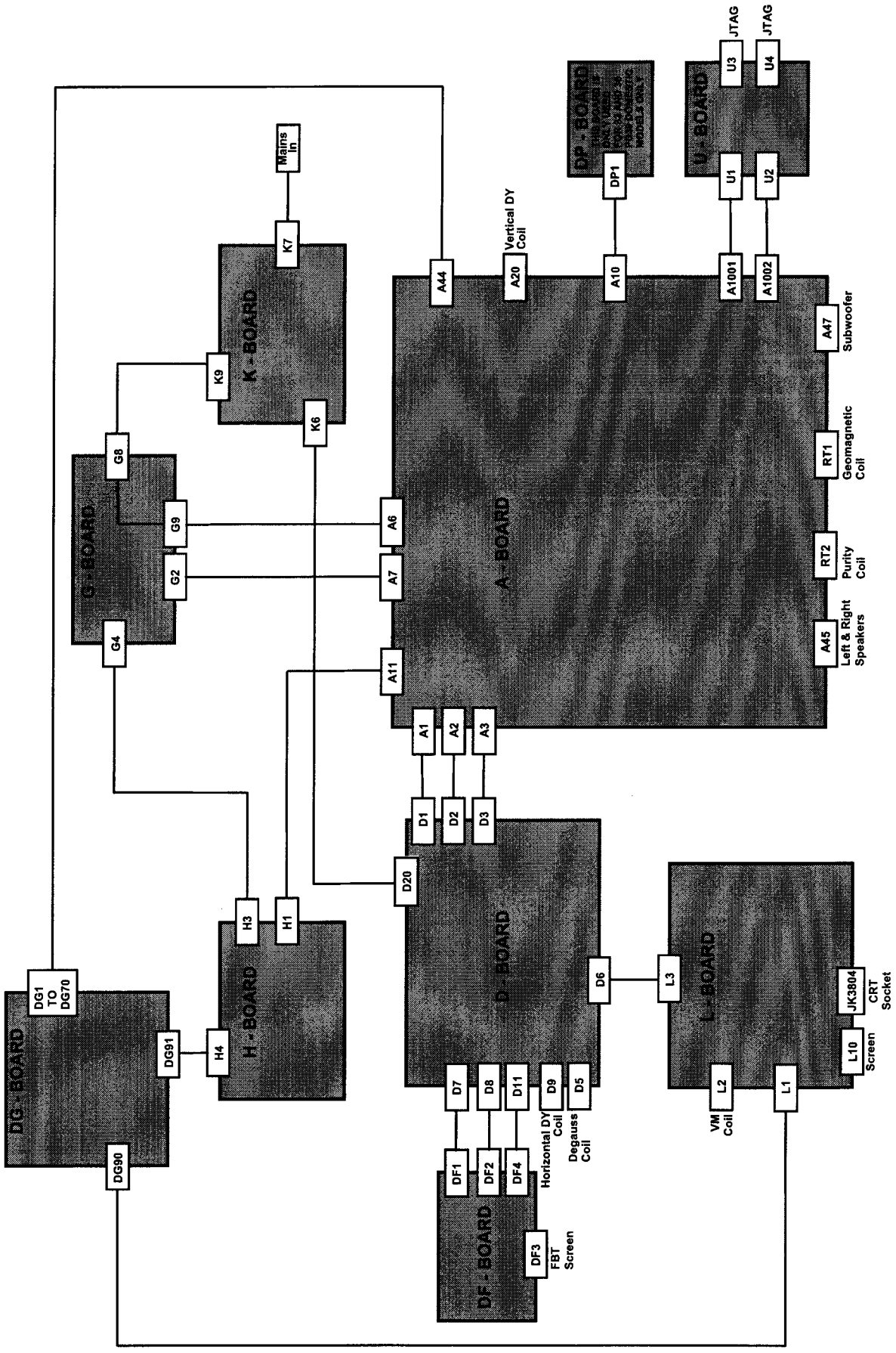
CONTROL BLOCK DIAGRAM



AUDIO BLOCK DIAGRAM

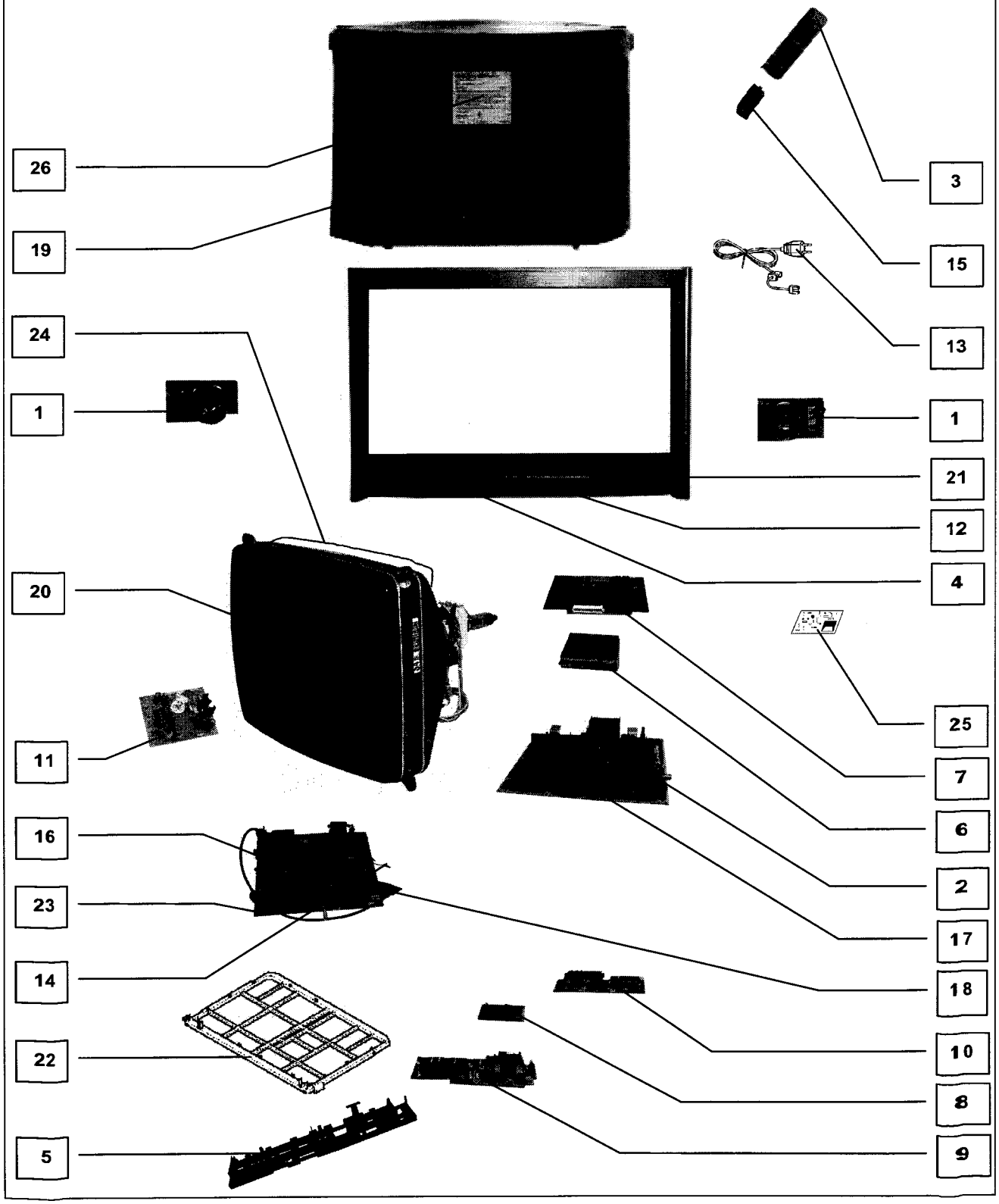


WIRING BLOCK DIAGRAM



PARTS LOCATION

NOTE:
The numbers on the exploded view below refer to the mechanical section of the Replacement Parts List.
This diagram is used for representative purposes only.



REPLACEMENT PARTS LIST

Important Safety Notice

Components Identified by ⚠ mark have special characteristics important for safety.
* When replacing any of these components, use only manufacturers specified parts.
In case of ordering these spare parts, please always add the complete Model-Type number to your order.

Cct Ref	Parts Number	Description	
COMMON PARTS			
EXPLODED VIEW			
1	EASG12D564A2	SPEAKER	
2	ENG29526G	TUNER	⚠
3	EUR511266	REMOTE CONTROL	
4	TBXA37102	POWER BUTTON	⚠
5	TMWA036	CONTROL BRACKET	
6	TNPA2739AB	DG P.C.B.	⚠
7	TNPA2750AB	H P.C.B.	⚠
8	TNPA2751AB	U P.C.B.	⚠
9	TNPA2753AB	K P.C.B.	⚠
10	TNPA2754AB	G P.C.B.	⚠
11	TNPA2865AB	L P.C.B.	⚠
12	TTPA0297	DOOR LID	
13	TXASX01GBG	AC POWER CORD ASSEMBLY	⚠
14	TXJFOC0GBG2	FOCUS WIRE ASSEMBLY	⚠
15	UR51EC904A	BATTERY COVER (REMOTE)	
16	ZTFM77501A	F.B.T.	⚠
MISCELLANEOUS COMPONENTS			
.	EAB10108B2	SUB WOOFER	
.	KRCBC160928B	FERRITE CORE	
.	TBM8E2308	REAR AV LABEL	
.	TBMU272	INDICATOR LABEL	
.	TBMU273	BLANKING LABEL	
.	TEK6935	DOOR CATCH	
.	TKP8E1541	AV COVER	
.	TKRA13124	BACKCOVER HANDLE	
.	TLK8E05190	ROTATION COIL	⚠
.	UM-3DJ-2P	BATTERY PACK	
R537	ERC12GK104V	DEGAUSS RESISTOR	⚠
I.C.s			
IC451	C1AA00000658	VERTICAL DRIVE	
IC751	AN6914	DUAL OPERATIONAL AMPLIFIER	
IC761	C0ZBZ0000373	AMPLIFIER	
IC801	STRF6656LF53	POWER SUPPLY	
IC831	C0DAAZH00009	3.3V REGULATOR	
IC832	C0CACKH00002	12V REGULATOR	
IC841	MIP0254SPSCF	POWER SUPPLY SWITCHING	
IC851	SE140NLF4	ERROR AMPLIFIER	
IC1001	C0EAH0000067	5V REGULATOR	
IC1002	PST9128NR	RESET	
IC1004	C0FBBD000084	OUTPUT BUFFER	
IC1005	C0CACBF00001	3.3V REGULATOR	
IC1006	C0DAEZH00008	2.5V REGULATOR	
IC1009	AN78L05TA	5V REGULATOR	
IC1101	C2CBYF000028	UNIVERSAL ASYNC RECEIVER/TRANS	

Cct Ref	Parts Number	Description
IC1102	E14F1/010/10	16MBIT CONVENTIONAL FLASH
IC1103	74LVC1GU04	CMOS INVERTER
IC1106	C3ABPG000102	64MBIT SDRAM
IC1107	C0JBAZ001839	DATA CONTROL
IC1108	C0JBAE000231	QUAD 2 INPUT OR GATE
IC1109	TC4066BFNEL	DIGITAL SWITCH
IC1301	C1AB00001826	GLOBAL CORE MAIN PICTURE
IC1302	C1AB00001703	SUB PICTURE
IC1304	C1AB00001707	3D COMB FILTER
IC1305	C1AB00000735	VIDEO SWITCH
IC1306	C0CBABB00029	VIDEO SWITCH
IC1308	C3ABPJ000017	64MB SDRAM
IC1309	AN15935A-VF	RGB OUTPUT AMPLIFIER
IC1311	C0CBCAD00006	2.5V REGULATOR
IC1312	C0ABBA000073	OPERATIONAL AMPLIFIER
IC1313	C0JBAB000382	INVERTER LOGIC
IC1315	C0CBABB00029	VIDEO SWITCH
IC1319	C0CBCAD00006	2.5V REGULATOR
IC1320	C0JBAM000095	MULTIVIBRATOR
IC1321	C3ABPJ000048	64MBIT SDRAM
IC1322	C0CBCAD00006	2.5V REGULATOR
IC1323	C1AB00001813	ENHANCED FRAME CONVERTER
IC1324	C0CBCAD00006	2.5V REGULATOR
IC1331	C3ABPJ000048	64MBIT SDRAM
IC1332	C0CBCBD00006	3.3V REGULATOR
IC1333	C0CBCBD00006	3.3V REGULATOR
IC1334	C0CBCBD00005	5V REGULATOR
IC1337	C0BBBA000043	OPERATIONAL AMPLIFIER
IC1339	C0CBCBD00005	5V REGULATOR
IC1340	C0DBEZG00004	3.3V REGULATOR
IC1341	C0DBEZG00004	3.3V REGULATOR
IC1342	C0DBEZG00004	3.3V REGULATOR
IC1350	MB87J8642PF	FRAME INTERPOLATOR
IC1351	C0CBCAD00006	2.5V REGULATOR
IC1851	C1AB00001788	8 BIT A/D CONVERTER
IC1852	C0CBCBD00005	5V REGULATOR
IC1853	C0CBCBD00005	5V REGULATOR
IC1855	C0JBAS000061	DIGITAL SWITCH
IC1856	C0JBAS000061	DIGITAL SWITCH
IC2001	AN78L08TA	8V REGULATOR
IC2002	C1AB00001569	SOUND DECODER
IC2003	L78M05MRB	5V REGULATOR
IC2301	C1AA00000560	INV/NON-INV AMPLIFIER
IC2302	C1BA00000269	SOUND AMPLIFIER
IC2303	C1BB00000510	PRE AMPLIFIER
IC2305	AN7108	H.P. AMPLIFIER
IC2307	C0ABBB000102	OPERATIONAL AMPLIFIER
IC2702	C0CACAG00001	2.5V REGULATOR
IC2703	AN7705F-LB	LOW DROPOUT REGULATOR
IC2704	L78M09MRB	9V REGULATOR
IC3001	AN78L09TA	9V REGULATOR
IC3002	TDA8601T/C1	12V REGULATOR
IC3003	C1AB00000459	VIDEO PROCESSOR/SYNC GEN

Cct Ref	Parts Number	Description
IC3004	C0ZBZ0000451	VIDEO SWITCH
IC3006	C1BB00000712	OUTPUT AUDIO SWITCH
IC3007	C1BB00000712	OUTPUT AUDIO SWITCH
IC3008	AN78L08TA	8V REGULATOR
IC3401	NJM2283MTE1	VIDEO SWITCH
IC3402	NJM2286MTE1	2 INPUT 3 CHANNEL VIDEO
IC3801	C1AA00000602	R.G.B. OUTPUT
IC3802	C1AA00000602	R.G.B. OUTPUT
IC3803	C1AA00000602	R.G.B. OUTPUT
IC4801	C0AABB000107	GEOMAGNETIC CORRECTION
IC4802	C0AABB000107	PURITY CORRECTION
RM1001	PNA4601M04TV	LED RECEIVER
FUSES		
F801-2	EYF52BC	FUSE HOLDER
F801-1	EYF52BC	FUSE HOLDER
F801	XBA2C50TH15	FUSE ⚠
DIODES		
D001	MAZ31500HL	DIODE
D002	MAZ31500HL	DIODE
D004	MA3X152K0L	3 TERM CHIP DIODE
D008	MAZ402000F	DIODE
D009	MAZ402000F	DIODE
D353	MAZ31100LL	DIODE
D358	MA3X151K0L	DIODE
D360	B0EAKM000058	DIODE
D361	MA3X151K0L	DIODE
D362	MA3X151K0L	DIODE
D363	MA3X151K0L	DIODE
D367	MAZ30620ML	DIODE
D368	MAZ30620ML	DIODE
D369	MAZ30620ML	DIODE
D450	EU02AV1	DIODE
D451	MA3X152K0L	3 TERM CHIP DIODE
D452	MA3X152K0L	3 TERM CHIP DIODE
D453	EU02AV1	DIODE
D454	B0JAME000052	DIODE
D501	B0JAME000052	DIODE
D502	MAZ40560LF	DIODE
D503	B0HALP000002	DIODE
D523	MA2C165001VT	DIODE
D524	MA2C165001VT	DIODE
D525	RP1HLFA5	DIODE
D551	EU02	DIODE
D553	B0KZ00000001	DIODE
D554	RU3ANLFA1	DIODE
D565	MA2C165001VT	DIODE
D571	AU02V0	DIODE
D581	MA2C165001VT	DIODE
D582	MA2C16700E	DIODE
D584	MAZ43600HF	DIODE
D586	MA2B18200E	DIODE
D587	MA2C165001VT	DIODE
D741	B0HALP000002	DIODE
D752	MA2C165001VT	DIODE
D753	MA2C165001VT	DIODE
D761	MAZ41500MF	DIODE
D762	B0AAGR000002	DIODE
D771	B0EAKM000058	DIODE
D772	MAZ4104J0F	DIODE
D773	MA2C165001VT	DIODE
D776	MA2C165001VT	DIODE
D781	MA2C16700E	DIODE
D791	AU02V0	DIODE
D792	MA2C165001VT	DIODE
D802	D6SB80-4	AC BRIDGE RECTIFIER
D803	MA2C165001VT	DIODE

Cct Ref	Parts Number	Description
D807	MA2C165001VT	DIODE
D809	MAZ20820A0LS	DIODE
D811	MAZ20820A0LS	DIODE
D812	MAZ22400B0LS	DIODE
D814	B0HAGP000003	DIODE
D815	B0EAEV000001	DIODE
D819	B0HAGP000003	DIODE
D821	B0HAGP000003	DIODE
D823	PC123FY2	DIODE ⚠
D832	RK34LFC4	DIODE
D840	ERC05-10	DIODE
D841	PC123FY2	DIODE ⚠
D843	ERC05-10	DIODE
D844	TVSSR2KL	DIODE
D845	RY24V1	DIODE
D847	B0EAEV000001	DIODE
D850	MAZ40300LF	DIODE
D851	B0JBRK000005	DIODE
D852	RU2AMLFA1	DIODE
D853	EU2YXV0	DIODE
D855	FMGG2CSLF665	DIODE
D856	EU02	DIODE
D857	FMGG26S	DIODE
D858	MA2C165001VT	DIODE
D859	MA2C165001VT	DIODE
D860	RK34LFD2	DIODE
D877	MA2C16700E	DIODE
D883	EU02	DIODE
D884	MA2C165001VT	DIODE
D885	MAZ40560HF	DIODE
D900	MAZ41300MF	DIODE
D1001	MA3X152K0L	3 TERM CHIP DIODE
D1002	MA3X152K0L	3 TERM CHIP DIODE
D1004	MAZ30620ML	DIODE
D1005	MA3X152K0L	3 TERM CHIP DIODE
D1008	MTZJT-775.6B	DIODE
D1051	LN21RCPH	DIODE
D1300	MA3X152K0L	3 TERM CHIP DIODE
D1301	MA3X152K0L	3 TERM CHIP DIODE
D1302	MA3X152K0L	3 TERM CHIP DIODE
D1303	MA3X152K0L	3 TERM CHIP DIODE
D1304	MA3X152K0L	3 TERM CHIP DIODE
D1306	MA3X152K0L	3 TERM CHIP DIODE
D1307	MA3X704A0L	3 TERM CHIP DIODE
D2002	MAZ30330LL	DIODE
D2301	MA2C16700E	DIODE
D2302	MA2C16700E	DIODE
D2303	MA3X152K0L	3 TERM CHIP DIODE
D2305	B0BA5R600016	DIODE
D2306	MA3X152K0L	3 TERM CHIP DIODE
D2308	MA3X152K0L	3 TERM CHIP DIODE
D2310	MAZ30560HL	DIODE
D2311	MA2C700A0F	DIODE
D2312	MA2C700A0F	DIODE
D2313	EU02	DIODE
D2314	MA3039HTX	DIODE
D2315	MA3X152K0L	3 TERM CHIP DIODE
D3001	MAZ30680ML	DIODE
D3004	MAZ31100LL	DIODE
D3103	MA2C165001VT	DIODE
D3104	MA2C165001VT	DIODE
D3401	MAZ31200ML	DIODE
D3402	MAZ31200ML	DIODE
D3403	MAZ31200ML	DIODE
D3406	MAZ31200ML	DIODE
D3801	MA188TA5	DIODE

Cct Ref	Parts Number	Description
D3802	MA188TA5	DIODE
D3803	MA188TA5	DIODE
D3804	MA188TA5	DIODE
D3805	MA188TA5	DIODE
D3806	MA188TA5	DIODE
D3808	B0HAGP000003	DIODE
D3810	MA188TA5	DIODE
D3811	MA188TA5	DIODE
D3812	MA188TA5	DIODE
D3813	MA188TA5	DIODE
D3814	MA188TA5	DIODE
D3815	MA188TA5	DIODE
D4803	MAZ31500ML	DIODE
D4804	MAZ31500ML	DIODE
TRANSISTORS		
Q001	BC857B	TRANSISTOR
Q002	BC857B	TRANSISTOR
Q369	BC857B	TRANSISTOR
Q401	BC847B	TRANSISTOR
Q501	B1CEML000001	TRANSISTOR
Q521	B1DEEQ000004	TRANSISTOR
Q522	2SC3311ASA	TRANSISTOR
Q523	2SC3311ASA	TRANSISTOR
Q524	B1BAAT000001	TRANSISTOR
Q525	2SC3311ARA	TRANSISTOR
Q551	2SC5686000RK	TRANSISTOR
Q581	2SC1473AEA	TRANSISTOR
Q741	2SK2538000LB	TRANSISTOR
Q751	2SC3311A0A	TRANSISTOR
Q752	2SC3311A0A	TRANSISTOR
Q761	B1DEGG000010	TRANSISTOR
Q781	2SC1473AEA	TRANSISTOR
Q802	2SC3311A0A	TRANSISTOR
Q804	2SC3311A0A	TRANSISTOR
Q805	2SC13180WA	TRANSISTOR
Q851	2SA10180QA	TRANSISTOR
Q854	2SC3311A0A	TRANSISTOR
Q874	2SA1534A-RTA	TRANSISTOR
Q875	2SA07200RA	TRANSISTOR
Q900	B1ABCF000010	TRANSISTOR
Q901	B1ABCF000010	TRANSISTOR
Q903	2SC3311ASA	TRANSISTOR
Q904	2SA1309ASA	TRANSISTOR
Q905	2SC3311ASA	TRANSISTOR
Q906	2SD0592AWA	TRANSISTOR
Q907	2SB0621AWA	TRANSISTOR
Q908	B1BCBL000018	TRANSISTOR
Q909	B1BABL000016	TRANSISTOR
Q910	2SA1309ASA	TRANSISTOR
Q911	2SC3311ASA	TRANSISTOR
Q912	2SC3311ASA	TRANSISTOR
Q913	2SA1309ASA	TRANSISTOR
Q1001	BC847B	TRANSISTOR
Q1002	BC847B	TRANSISTOR
Q1003	BC847B	TRANSISTOR
Q1004	BC847B	TRANSISTOR
Q1006	BC857B	TRANSISTOR
Q1007	BC847B	TRANSISTOR
Q1009	BC847B	TRANSISTOR
Q1081	2SC3311ARA	TRANSISTOR
Q1108	BC847B	TRANSISTOR
Q1109	BC847B	TRANSISTOR
Q1110	BC847B	TRANSISTOR
Q1111	BC847B	TRANSISTOR
Q1113	BC847B	TRANSISTOR
Q1125	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description
Q1301	BC847B	TRANSISTOR
Q1305	BC847B	TRANSISTOR
Q1310	BC847B	TRANSISTOR
Q1311	BC847B	TRANSISTOR
Q1312	BC847B	TRANSISTOR
Q1315	BC847B	TRANSISTOR
Q1316	BC847B	TRANSISTOR
Q1319	B1ABCF000010	TRANSISTOR
Q1320	B1ABCF000010	TRANSISTOR
Q1321	B1ABCF000010	TRANSISTOR
Q1322	BC847B	TRANSISTOR
Q1323	2SC2412K146R	TRANSISTOR
Q1324	2SC2412K146R	TRANSISTOR
Q1325	BC847B	TRANSISTOR
Q1326	BC847B	TRANSISTOR
Q1340	MSB709-T1	AMPLIFIER TRANSISTOR
Q1342	MSB709-T1	AMPLIFIER TRANSISTOR
Q1343	MSB709-T1	AMPLIFIER TRANSISTOR
Q1345	B1ADCF000003	TRANSISTOR
Q1346	B1ADCF000003	TRANSISTOR
Q1347	BC857B	TRANSISTOR
Q1350	BC857B	TRANSISTOR
Q1354	B1ADCF000003	TRANSISTOR
Q1355	MSB709-T1	AMPLIFIER TRANSISTOR
Q1359	BC857B	TRANSISTOR
Q1363	MSB709-T1	AMPLIFIER TRANSISTOR
Q1364	B1ADCF000003	TRANSISTOR
Q1365	B1ADCF000003	TRANSISTOR
Q1801	B1ABCF000010	TRANSISTOR
Q1802	B1ADCF000003	TRANSISTOR
Q1804	B1ABCF000010	TRANSISTOR
Q1811	B1ABCF000010	TRANSISTOR
Q1812	B1ADCF000003	TRANSISTOR
Q1814	B1ABCF000010	TRANSISTOR
Q1821	B1ABCF000010	TRANSISTOR
Q1822	B1ADCF000003	TRANSISTOR
Q1824	B1ABCF000010	TRANSISTOR
Q1832	BC847B	TRANSISTOR
Q1833	BC847B	TRANSISTOR
Q1834	BC847B	TRANSISTOR
Q1835	BC847B	TRANSISTOR
Q1836	BC847B	TRANSISTOR
Q1837	2SD10300TL	TRANSISTOR
Q1838	XN0650100L	TRANSISTOR
Q1839	MSB709-T1	AMPLIFIER TRANSISTOR
Q1840	MSB709-T1	AMPLIFIER TRANSISTOR
Q1841	BC847B	TRANSISTOR
Q1842	BC847B	TRANSISTOR
Q1843	BC847B	TRANSISTOR
Q1844	BC847B	TRANSISTOR
Q1845	BC847B	TRANSISTOR
Q1846	BC847B	TRANSISTOR
Q1847	BC847B	TRANSISTOR
Q1848	BC847B	TRANSISTOR
Q1849	2SD10300TL	TRANSISTOR
Q1850	2SD10300TL	TRANSISTOR
Q1851	MSB709-T1	AMPLIFIER TRANSISTOR
Q1852	MSB709-T1	AMPLIFIER TRANSISTOR
Q1853	MSB709-T1	AMPLIFIER TRANSISTOR
Q1854	2SB0709ASL	TRANSISTOR
Q1855	XN0650100L	TRANSISTOR
Q1856	UNR221500L	TRANSISTOR
Q1857	2SD10300TL	TRANSISTOR
Q1858	MSB709-T1	AMPLIFIER TRANSISTOR
Q1859	MSB709-T1	AMPLIFIER TRANSISTOR
Q2001	BC857B	TRANSISTOR

Cct Ref	Parts Number	Description	
Q2002	BC857B	TRANSISTOR	
Q2003	BC857B	TRANSISTOR	
Q2004	BC857B	TRANSISTOR	
Q2005	BC857B	TRANSISTOR	
Q2006	BC847B	TRANSISTOR	
Q2007	BC847B	TRANSISTOR	
Q2008	BC847B	TRANSISTOR	
Q2009	BC857B	TRANSISTOR	
Q2010	BC847B	TRANSISTOR	
Q2011	BC857B	TRANSISTOR	
Q2012	BC847B	TRANSISTOR	
Q2013	BC847B	TRANSISTOR	
Q2301	BC847B	TRANSISTOR	
Q2302	BC847B	TRANSISTOR	
Q2303	BC847B	TRANSISTOR	
Q2304	2SC2412K146R	TRANSISTOR	
Q2305	BC857B	TRANSISTOR	
Q2307	BC857B	TRANSISTOR	
Q2310	BC847B	TRANSISTOR	
Q2312	BC847B	TRANSISTOR	
Q3001	BC857B	TRANSISTOR	
Q3002	BC857B	TRANSISTOR	
Q3003	BC857B	TRANSISTOR	
Q3004	BC857B	TRANSISTOR	
Q3005	BC847B	TRANSISTOR	
Q3006	BC847B	TRANSISTOR	
Q3007	BC847B	TRANSISTOR	
Q3008	BC847B	TRANSISTOR	
Q3009	BC847B	TRANSISTOR	
Q3010	BC847B	TRANSISTOR	
Q3013	BC847B	TRANSISTOR	
Q3014	BC847B	TRANSISTOR	
Q3015	BC847B	TRANSISTOR	
Q3016	BC847B	TRANSISTOR	
Q3017	BC847B	TRANSISTOR	
Q3405	BC847B	TRANSISTOR	
Q3406	BC847B	TRANSISTOR	
Q3407	BC857B	TRANSISTOR	
Q3408	BC847B	TRANSISTOR	
Q3409	BC847B	TRANSISTOR	
Q3410	BC847B	TRANSISTOR	
Q3411	BC847B	TRANSISTOR	
Q3412	BC847B	TRANSISTOR	
Q3413	BC847B	TRANSISTOR	
Q3414	BC847B	TRANSISTOR	
Q3415	BC847B	TRANSISTOR	
Q3416	BC847B	TRANSISTOR	
Q3417	BC847B	TRANSISTOR	
Q3418	BC847B	TRANSISTOR	
Q4803	BC847B	TRANSISTOR	
Q4804	BC847B	TRANSISTOR	
Q4805	BC857B	TRANSISTOR	
Q4806	BC857B	TRANSISTOR	
TRANSFORMERS			
T001	G0B181Y00001	TRANSFORMER	
T501	ETH19Y187AY	TRANSFORMER	⚠
T521	ETF18L107A	DYNAMIC AUTOMATIC FOCUS	⚠
T801	ETS49AH2X6AD	SWITCHING TRANSFORMER	⚠
T841	ETS24KC156AG	SWITCHING TRANSFORMER	⚠
T1001	G0B250D00001	TRANSFORMER	⚠
T2001	G0B181Y00001	TRANSFORMER	
T2002	G0BYYYY00016	TRANSFORMER	⚠
T2003	G0B181Y00001	TRANSFORMER	
T2004	G0BYYYY00016	TRANSFORMER	⚠
T3101	G0BYYYY00016	TRANSFORMER	⚠

Cct Ref	Parts Number	Description	
COILS			
J150	EXCELSA35T	COIL	
JSA7	EXCELDR35V	COIL	
L001	EXCELDR35V	COIL	
L002	EXCELDR35V	COIL	
L003	EXCELDR35V	COIL	
L005	EXCELDR35V	COIL	
L006	ELJNC15NJF	COIL	
L010	EXCELDR35V	COIL	
L451	EXCELDR35V	COIL	
L521	G0A222DA0017	COIL	
L552	EXCELDR25V	COIL	
L553	EXCELDR25V	COIL	
L554	EXCELDR25V	COIL	
L557	EXCELDR35V	COIL	
L558	EXCELDR35V	COIL	
L559	EXCELDR35V	COIL	
L566	ELH5L7729	LINEARITY COIL	
L568	ELH5L8114	LINEARITY COIL	
L571	EXCELDR35V	COIL	
L572	EXCELSA39V	COIL	
L573	EXCELDR35V	COIL	
L574	TALL08T101KA	COIL	
L575	EXCELSA35T	COIL	
L576	EXCELSA35T	COIL	
L577	EXCELSA35T	COIL	
L741	ELEKE101KA	COIL	
L743	EXCELSA35T	COIL	
L744	G0A152EA0013	COIL	
L745	ELC18B121F	CHOKE COIL	
L791	TALL13T103JB	COIL	
L810	ETQR45T001A	POWER FACTOR CORRECTION	⚠
L812	EXCELSA39V	COIL	
L814	EXCELSA39V	COIL	
L815	EXCELSA39V	COIL	
L818	EXCELSA39V	COIL	
L819	EXCELSA35T	COIL	
L820	EXCELSA35T	COIL	
L834	EXCELSA35T	COIL	
L835	G0A100GA0013	COIL	
L836	EXCELSA35T	COIL	
L837	EXCELDR35V	COIL	
L841	G0A560GA0001	COIL	
L843	EXCELDR35V	COIL	
L844	EXCELDR35V	COIL	
L845	EXCELDR35V	COIL	
L846	EXCELDR25V	COIL	
L847	EXCELDR25V	COIL	
L848	EXCELSA35T	COIL	
L854	EXCELSA35T	COIL	
L856	EXCELSA35T	COIL	
L857	EXCELSA35T	COIL	
L858	EXCELSA35T	COIL	
L860	G0A330GA0002	COIL	
L861	G0A100GA0013	COIL	
L862	G0A680GA0002	COIL	
L863	EXCELSA35T	COIL	
L882	EXCELDR25V	COIL	
L883	G0A181GA0013	COIL	
L890	G0B302H00004	COIL	
L891	G0B302H00004	COIL	
L893	G0B682H00001	COIL	
L895	EXCELSA35T	COIL	
L900	ELESN100JA	COIL	
L903	EXCELSA26T	COIL	
L904	EXCELSA26T	COIL	

Cct Ref	Parts Number	Description
L906	LAV35	COIL
L907	EXCELDR35V	COIL
L1103	TALC325T4R7M	COIL
L1104	TALC325T4R7M	COIL
L1107	TALC325T4R7M	COIL
L1108	TALC325T4R7M	COIL
L1109	TALC325T4R7M	COIL
L1110	TALC325T4R7M	COIL
L1115	TALC325T3R3M	COIL
L1116	TALC325T4R7M	COIL
L1309	TALC325T4R7M	COIL
L1310	TALC325T4R7M	COIL
L1311	TALC325T4R7M	COIL
L1312	TALC325T4R7M	COIL
L1313	TALC325T4R7M	COIL
L1314	TALC325T4R7M	COIL
L1315	TALC325T4R7M	COIL
L1316	TALC325T4R7M	COIL
L1317	G1C3R3K00007	COIL
L1318	G1C3R3K00007	COIL
L1319	G1C6R8K00005	COIL
L1320	G1C6R8K00005	COIL
L1323	TALC325T4R7M	COIL
L1324	TALC325T4R7M	COIL
L1327	TALC325T4R7M	COIL
L1328	TLTAZ100K	COIL
L1329	TALC325T4R7M	COIL
L1330	TLTAZ100K	COIL
L1331	TALC325T4R7M	COIL
L1333	TALC325T4R7M	COIL
L1334	TALC325T4R7M	COIL
L1335	TALC325T4R7M	COIL
L1336	TALC325T4R7M	COIL
L1337	TALC325T4R7M	COIL
L1338	TALC325T4R7M	COIL
L1339	TALC325T4R7M	COIL
L1340	TALC325T4R7M	COIL
L1341	TALC325T4R7M	COIL
L1342	TALC325T4R7M	COIL
L1343	TLTAZ100K	COIL
L1350	J0JGC0000021	COIL
L1352	TLTAZ100K	COIL
L1353	TALC325T4R7M	COIL
L1360	J0JGC0000021	COIL
L1361	J0JGC0000021	COIL
L1362	J0JGC0000021	COIL
L1363	J0JGC0000021	COIL
L1366	J0JGC0000021	COIL
L1367	J0JGC0000021	COIL
L1650	J0JGC0000021	COIL
L1651	J0JGC0000021	COIL
L1652	J0JGC0000021	COIL
L1801	TLTAZ100K	COIL
L1802	TLTAZ100K	COIL
L1804	TLTAZ100K	COIL
L1805	TLTAZ100K	COIL
L1806	TLTAZ100K	COIL
L1807	G1C6R8K00005	COIL
L1808	G1C6R8K00005	COIL
L1809	G1C6R8K00005	COIL
L1823	TALC325T4R7M	COIL
L1824	TALC325T4R7M	COIL
L1825	TLTAZ100K	COIL
L1826	TALC325T4R7M	COIL
L1827	TLTAZ100K	COIL
L1828	TLTAZ100K	COIL

Cct Ref	Parts Number	Description
L1830	TLTAZ100K	COIL
L1850	TLTAZ100K	COIL
L1851	TLTAZ100K	COIL
L1852	G1C2R2K00006	COIL
L1853	G1C100KA0009	COIL
L1854	G1C100KA0009	COIL
L1857	G1C5R6K00007	COIL
L1859	G1C1R0K00005	COIL
L1860	G1C1R0K00005	COIL
L1861	G1C1R0K00005	COIL
L1862	G1C5R6K00007	COIL
L1863	G1C5R6K00007	COIL
L2003	EXCELDR35V	COIL
L2004	EXCELSA39V	COIL
L2006	ELESN6R8KA	COIL
L2008	EXCELDR25V	COIL
L2013	EXCELDR35V	COIL
L2017	EXCELSA35T	COIL
L2018	EXCELDR35V	COIL
L2019	EXCELSA35T	COIL
L2020	EXCELSA35T	COIL
L2021	EXCELSA35T	COIL
L2023	J0JCC0000100	COIL
L2027	EXCELSA35T	COIL
L2028	EXCELSA39V	COIL
L2030	EXCELSA35T	COIL
L2031	J0JCC0000241	COIL
L2032	J0JCC0000100	COIL
L2035	J0JCC0000241	COIL
L2036	J0JCC0000100	COIL
L2037	TSKA157	COIL
L2038	TSKA157	COIL
L2040	J0JCC0000100	COIL
L2255	EXCELSA35T	COIL
L2278	EXCELSA35T	COIL
L2523	ELESN6R8KA	COIL
L2524	ELESN6R8KA	COIL
L2527	EXCELSA35T	COIL
L2701	EXCELDR35V	COIL
L2702	G0A560GA0001	COIL
L3003	EXC3BB221H	COIL
L3004	EXC3BB221H	COIL
L3005	EXC3BB221H	COIL
L3006	EXC3BB221H	COIL
L3007	EXC3BB221H	COIL
L3008	EXC3BB221H	COIL
L3009	EXC3BB221H	COIL
L3010	EXC3BB221H	COIL
L3011	EXC3BB221H	COIL
L3012	EXC3BB221H	COIL
L3013	EXC3BB221H	COIL
L3014	EXC3BB221H	COIL
L3015	EXC3BB221H	COIL
L3016	EXC3BB221H	COIL
L3017	EXC3BB221H	COIL
L3018	EXC3BB221H	COIL
L3019	EXC3BB221H	COIL
L3020	EXC3BB221H	COIL
L3807	ELESN1R0JA	COIL
L3808	ELESN1R0JA	COIL
L3809	ELESN1R0JA	COIL
L3812	ELESN4R7JA	COIL
L4801	LAV35	COIL
L4806	EXCELDR35V	COIL
L4807	EXCELDR35V	COIL
LC1101	J0HAAB000012	COIL

Cct Ref	Parts Number	Description
LC1102	J0HAAB000012	COIL
LC1103	J0HAAB000012	COIL
LC1104	J0HAAB000012	COIL
LC1151	J0HAAB000012	COIL
LC1152	J0HAAB000012	COIL
LC1153	J0HAAB000012	COIL
R003	EXC3BB221H	COIL
FILTERS		
DL1301	ELKE103FA	FILTER
DL1302	ELKE103FA	FILTER
DL1303	ELKE103FA	FILTER
DL1304	ELKE103FA	FILTER
DL1305	ELKE103FA	FILTER
DL1306	ELKE103FA	FILTER
DL1308	J0HABB000003	CERAMIC FILTER
DL1309	J0HABB000003	CERAMIC FILTER
DL1318	J0HABB000009	CERAMIC FILTER
DL1323	J0HABB000003	CERAMIC FILTER
DL1324	J0HABB000003	CERAMIC FILTER
DL1326	J0HABB000003	CERAMIC FILTER
DL1327	J0HABB000003	CERAMIC FILTER
DL1328	J0HABB000003	CERAMIC FILTER
DL1329	J0HABB000003	CERAMIC FILTER
DL1330	J0HABB000003	CERAMIC FILTER
DL1331	J0HABB000003	CERAMIC FILTER
DL1332	J0HABB000003	CERAMIC FILTER
DL1333	J0HABB000003	CERAMIC FILTER
DL1334	J0HABB000009	CERAMIC FILTER
DL1337	J0HABB000009	CERAMIC FILTER
DL1338	J0HABB000009	CERAMIC FILTER
DL1339	J0HABB000004	CERAMIC FILTER
DL1340	J0HABB000004	CERAMIC FILTER
DL1341	J0HABB000004	CERAMIC FILTER
DL1343	J0HABB000004	CERAMIC FILTER
DL1344	J0HABB000004	CERAMIC FILTER
DL1345	J0HABB000004	CERAMIC FILTER
DL1346	J0HABB000007	FILTER
DL1347	J0HABB000007	FILTER
DL1348	J0HABB000007	FILTER
DL1349	J0HABB000007	FILTER
DL1351	J0HABB000007	FILTER
DL1352	J0HABB000007	FILTER
DL1353	J0HABB000007	FILTER
DL1354	J0HABB000007	FILTER
LC1105	J0HABB000003	CERAMIC FILTER
LC1106	J0HABB000003	CERAMIC FILTER
LC1107	ELKE103FA	FILTER
LC1108	ELKE103FA	FILTER
LC1109	ELKE103FA	FILTER
LC1110	J0HABB000009	CERAMIC FILTER
LC1111	J0HABB000003	CERAMIC FILTER
LC1112	J0HABB000003	CERAMIC FILTER
LC1113	J0HABB000003	CERAMIC FILTER
LC1114	J0HABB000004	CERAMIC FILTER
LC1115	J0HABB000009	CERAMIC FILTER
LC1116	J0HABB000009	CERAMIC FILTER
LC1117	J0HABB000009	CERAMIC FILTER
LC1118	J0HABB000009	CERAMIC FILTER
LC1119	J0HABB000009	CERAMIC FILTER
LC1120	J0HABB000009	CERAMIC FILTER
LC1125	J0HABB000009	CERAMIC FILTER
LC1126	J0HABB000009	CERAMIC FILTER
LC1127	J0HABB000009	CERAMIC FILTER
LC1128	J0HABB000009	CERAMIC FILTER
LC1129	J0HABB000009	CERAMIC FILTER
LC1130	J0HABB000009	CERAMIC FILTER

Cct Ref	Parts Number	Description
LC1131	J0HABB000009	CERAMIC FILTER
LC1132	J0HABB000009	CERAMIC FILTER
LC1133	J0HABB000009	CERAMIC FILTER
LC1134	J0HABB000009	CERAMIC FILTER
LC1135	J0HABB000009	CERAMIC FILTER
LC1136	J0HABB000009	CERAMIC FILTER
LC1137	J0HABB000009	CERAMIC FILTER
LC1138	J0HABB000009	CERAMIC FILTER
LC1139	J0HABB000009	CERAMIC FILTER
LC1140	J0HABB000009	CERAMIC FILTER
LC1141	J0HABB000009	CERAMIC FILTER
LC1142	J0HABB000009	CERAMIC FILTER
LC1143	J0HABB000009	CERAMIC FILTER
LC1144	J0HABB000009	CERAMIC FILTER
LC1145	J0HABB000009	CERAMIC FILTER
LC1146	J0HABB000009	CERAMIC FILTER
LC1147	ELKE103FA	FILTER
X2002	EFCT6504BF	FILTER
X2003	EFCT7004BF	CERAMIC FILTER
CRYSTALS		
X1101	H0J600400006	CRYSTAL
X1301	H0J202500002	CRYSTAL
X1302	H0J270500017	CRYSTAL
X2001	4730007158	CRYSTAL
RESISTORS		
C015	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
C904	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
C2046	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470 Ω
CF805	59709T60B110	DEG PTC 20% 9 Ω ⚠
CF806	59709T60B110	DEG PTC 20% 9 Ω ⚠
CF891	ERZV10V621P2	VARISTOR 10W 0.5 620 Ω
CF892	ERZV10V391CS	VARISTOR 10W 1% 390 Ω
D890	ERZV10V621P2	VARISTOR 10W 0.5 620 Ω
J11	ERD25TJ103	CARBON 0.25W 5% 10K Ω
JA1	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA2	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA3	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA5	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA6	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA7	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA8	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA9	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA10	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA11	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA12	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA13	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA14	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA15	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA16	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA17	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA18	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA19	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA20	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA21	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA22	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA23	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA24	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3804	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3805	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3806	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3807	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3808	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3809	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3812	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3813	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JS3814	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω

Cct Ref	Parts Number	Description			
JSA4	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA6	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA9	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA11	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA13	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA17	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA19	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA23	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA28	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA29	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA30	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA33	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA53	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG007	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG014	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG015	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG016	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG017	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG019	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG020	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG021	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG022	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG035	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG042	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG051	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG052	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG058	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG064	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG068	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG069	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG070	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG071	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG072	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG073	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG074	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG075	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG076	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG077	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG078	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG079	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG080	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG081	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG082	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG083	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG084	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG085	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG086	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG087	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG088	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG089	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG090	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG091	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG092	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG093	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG094	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG096	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG097	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG098	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG099	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG100	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG101	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG102	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG103	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG108	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG109	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG110	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description				
JSDG111	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG117	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG122	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG123	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG124	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG130	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG133	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG134	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG135	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG136	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG137	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSDG138	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH004	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH005	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH006	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH007	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH008	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH009	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH010	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSH011	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSU6	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
JSU22	ERJ6GEYJ820	S.M.CARB	0.1W	5%	82 Ω	
JSU23	ERJ6GEYJ820	S.M.CARB	0.1W	5%	82 Ω	
JSU25	ERJ6GEYJ820	S.M.CARB	0.1W	5%	82 Ω	
JSU44	ERJ6GEYJ820	S.M.CARB	0.1W	5%	82 Ω	
L1364	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L1365	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L1858	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L1864	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L1865	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L1866	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
L2022	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R001	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R002	ERJ3GEYJ683	S.M.CARB	0.33W	5%	68K Ω	
R004	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R005	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω	
R006	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R008	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω	
R382	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R385	ERJ3GEYJ184V	S.M.CAR	0.1W	5%	180K Ω	
R401	ERJ3EKF3902V	S.M.CAR	0.1W	1%	39K Ω	
R419	ERJ3GEYJ561V	S.M.CARB	0.125	5%	560 Ω	
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R453	ERJ3GEYJ393V	S.M.CARB	1/4W	5%	39K Ω	
R454	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω	
R455	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R456	ERG3FJ221	METAL	3W	5%	220 Ω	
R457	ERJ3EKF2431V	S.M.CAR	0.1W	1%	2K43 Ω	
R458	ERJ3EKF3481V	S.M.CAR	0.1W	1%	3K48 Ω	
R459	ERJ3EKF3921V	S.M.CAR	0.1W	1%	3K92 Ω	
R460	ERJ3EKF3011V	S.M.CAR	0.1W	1%	3K01 Ω	
R461	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω	⚠
R462	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R463	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R465	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R466	ERX12SJR47	METAL	0.5W	5%	0.47 Ω	⚠
R467	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω	
R468	ERJ3GEYJ224V	S.M.CARB	0.16W	5%	220 Ω	
R469	ERX12SJR47	METAL	0.5W	5%	0.47 Ω	⚠
R471	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω	
R475	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R502	ERG2FJ270	METAL	2W	5%	27 Ω	
R503	ERG1FJS561	METAL	1W	5%	560 Ω	
R504	ERDS2TJ104T	CARBON	2W	5%	100K Ω	
R505	ERDS2TJ680T	CARBON	0.25W	5%	68 Ω	

Cct Ref	Parts Number	Description			
R520	ERD25TJ203	CARBON	0.25W	5%	20K Ω
R521	ERG2FJS123	METAL	2W	5%	12K Ω
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R525	ERD25TJ331	CARBON	0.25W	5%	330 Ω
R526	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R527	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R529	ERD25TJ560	CARBON	0.25W	5%	56 Ω
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω
R536	ERG3FJS821	METAL	3W	5%	820 Ω
R538	ERDS2TJ125T	CARBON	2W	5%	1.2M Ω
R540	ERDS2TJ125T	CARBON	2W	5%	1.2M Ω
R541	ERD25TJ122	CARBON	0.25W	5%	1K2 Ω
R547	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R551	ERX2FZJR18H	METAL	0.5W	5%	0.18 Ω
R555	ERG3FJ331	METAL	3W	5%	330 Ω ⚠
R561	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R563	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R571	ERQ2CKPR68S	FUSIBLE	2W	10%	0.68 Ω
R580	EROS2THF1911	METAL	0.25W	1%	1.91K Ω
R581	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R582	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R583	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R584	ERO25CKF1002	METAL	0.25W	1%	10K Ω ⚠
R585	ERO50PHF2802	METAL	0.5W	1%	28K Ω
R586	ERO25CKF2202	METAL	0.25W	1%	22K Ω
R588	ERO25CKF3902	METAL	0,25W	1%	39K Ω
R589	EROS2THF4702	METAL	0.25W	1%	47K Ω
R593	ERD25TJ224	CARBON	0.25W	5%	220K Ω
R594	ERD25TJ823	CARBON	0.25W	5%	82K Ω
R596	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R597	ERD25TJ183	CARBON	0.25W	5%	18K Ω
R741	ERDS1FJ680	CARBON	0.5W	5%	68 Ω
R743	ERG3FJ220H	METAL	3W	5%	22 Ω ⚠
R744	ERX3FJ4R7H	METAL	3W	5%	4.7 Ω
R751	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R752	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R753	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R754	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R756	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R757	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R758	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R759	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω
R760	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R762	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω
R763	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R764	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R765	ERQ14AJ220	FUSIBLE	0.25W	5%	22 Ω ⚠
R766	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R771	ERQ14AJW100	FUSIBLE	0.25W	5%	10 Ω ⚠
R773	ERO25CKF2491	METAL	0.25W	1%	2K49 Ω
R774	EROS2THF4991	METAL	0.25W	1%	4.99 Ω
R781	ERD25TJ225	CARBON	0.25W	5%	2M2 Ω
R782	ERD25TJ225	CARBON	0.25W	5%	2M2 Ω
R783	ERD25TJ273	CARBON	0.25W	5%	27K Ω
R784	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R785	ERDS2TJ564	CARBON	2W	5%	560K Ω
R792	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω
R793	ERQ12AJ680P	METAL	0.5W	5%	68 Ω ⚠
R801	ERF7ZK2R7	WOUND	7W	20%	2R7 Ω ⚠
R803	ERG3FJ183	METAL	3W	5%	18K Ω

Cct Ref	Parts Number	Description			
R804	ERG3FJ183	METAL	3W	5%	18K Ω
R806	ERD75TAJ825	CARBON	0.75W	5%	8M2 Ω ⚠
R808	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R809	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R810	ERX12SZJR15P	METAL	0.5W	5%	0.15 Ω
R811	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R812	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R815	ERG3FJ104H	METAL	3W	5%	100K Ω
R816	ERX12SZJR15P	METAL	0.5W	5%	0.15 Ω
R818	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω
R820	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R822	ERDS1TJ182	CARBON	0.5W	10%	1K8 Ω
R823	ERDS1TJ153	CARBON	0.5W	5%	15K Ω
R833	EROS2THF2151	METAL	0.25W	1%	2.15K Ω
R834	EROS2THF4121	METAL	0.25W	1%	4.12K Ω
R841	ERF2AJ560	WOUND	2W	5%	56 Ω
R842	ERG1FJS104	METAL	1W	5%	100K Ω
R843	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R850	K5Y402Z00001	FUSIBLE	4A		Ω ⚠
R855	ERDS2TJ821T	CARBON	2W	5%	820 Ω
R856	ERD25TJ563	CARBON	0.25W	5%	56K Ω
R857	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω
R858	ERG3FJS560E	METAL	3W	5%	56 Ω
R859	ERDS2TJ154	CARBON	2W	5%	150K Ω
R860	K5Y402Z00001	FUSIBLE	4A		Ω ⚠
R863	ERF7ZK2R2	WOUND	7W	10%	2R2 Ω
R864	ERD25TJ563	CARBON	0.25W	5%	56K Ω
R865	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R867	ERG3FJS153	METAL	3W	5%	15K Ω
R868	K5Y252Z00002	FUSIBLE	2.5A		Ω ⚠
R869	ERDS1TJ333	CARBON	0.5W	5%	33K Ω
R875	ERG3FJ220H	METAL	3W	5%	22 Ω ⚠
R876	ERQ2CJP2R7	METAL	2W	2%	2R7 Ω ⚠
R877	ERDS1TJ103	CARBON	0.5W	5%	10K Ω
R878	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω
R879	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R881	ERDS1TJ122	CARBON	0.5W	5%	1K2 Ω
R882	ERDS1TJ102	CARBON	0.5W	5%	1K Ω
R891	ERC12ZGK105V	METAL	0.5W	10%	1M Ω
R900	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R901	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R902	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω
R903	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R904	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9 Ω
R905	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R906	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R907	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680 Ω
R908	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R912	ERD25TJ681	CARBON	0.25W	5%	680 Ω
R913	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R914	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R915	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω
R916	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω
R917	ERQ14AJW100	FUSIBLE	0.25W	5%	10 Ω ⚠
R923	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R924	ERD25TJ561	CARBON	0.25W	5%	560 Ω
R925	ERDS2TJ683T	CARBON	2W	5%	68K Ω
R926	ERDS2TJ683T	CARBON	2W	5%	68K Ω
R927	ERD25TJ561	CARBON	0.25W	5%	560 Ω
R928	ERQ12AJ151P	FUSIBLE	0.5W	5%	150 Ω ⚠
R929	ERQ14AJW2R2	FUSIBLE	0.25W	5%	2R2 Ω ⚠
R930	ERDS2TJ820T	CARBON	2W	5%	82 Ω
R931	ERQ14AJW2R2	FUSIBLE	0.25W	5%	2R2 Ω ⚠
R932	ERQ14AJW3R3	FUSIBLE	0.25W	5%	3R3 Ω ⚠
R933	ERQ14AJW3R3	FUSIBLE	0.25W	5%	3R3 Ω ⚠

Cct Ref	Parts Number	Description			
R934	ERQ1RJW331E	FUSIBLE	1W	5%	330 Ω
R935	ERG2FJS391E	METAL	2W	5%	390 Ω
R937	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R938	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R940	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R941	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R942	ERG2FJS391E	METAL	2W	5%	390 Ω
R1001	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1002	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω
R1003	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1004	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1005	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1006	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R1007	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1009	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1010	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1011	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1013	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1014	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1016	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1018	ERJ3EKF3901V	S.M.CAR	0.1W	1%	3K9 Ω
R1019	ERJ3EKF3901V	S.M.CAR	0.1W	1%	3K9 Ω
R1020	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1021	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1022	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1023	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1024	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1026	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1027	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R1028	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1031	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1033	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1034	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R1035	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1036	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1037	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1038	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1039	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1040	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1043	ERD25TJ682	CARBON	0.25W	5%	6K8 Ω
R1044	ERD25TJ123	CARBON	0.25W	5%	12K Ω
R1045	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R1046	ERDS2TJ683T	CARBON	2W	5%	68K Ω
R1081	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω
R1082	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R1083	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1084	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1101	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R1102	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R1103	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1105	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1106	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1107	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1108	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1109	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1110	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1111	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1112	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1113	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1116	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R1117	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1118	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1119	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1120	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1121	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1122	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω

Cct Ref	Parts Number	Description			
R1126	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1127	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1128	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1129	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1131	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1132	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1134	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1135	ERJ3GEYJ224V	S.M.CARB	0.16W	5%	220 Ω
R1136	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1137	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1138	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1139	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1140	ERJ3GEYJ225	S.M.CARB	0.33W	5%	2M2 Ω
R1141	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1142	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1144	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1145	ERJ3GEYJ391	S.M.CARB	0.125	5%	390 Ω
R1146	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1147	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1148	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1149	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1153	ERJ3GEYJ563V	S.M.CARB	0.125	5%	56K Ω
R1154	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1155	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1156	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1157	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1158	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1160	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω
R1162	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R1163	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1164	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1169	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1170	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1177	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1178	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1188	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1189	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1190	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1191	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1192	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1193	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1194	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1195	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1196	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1202	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1205	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1209	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1212	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1213	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1214	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1217	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1221	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1225	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1232	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1233	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1236	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1249	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1250	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1255	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1256	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1257	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1258	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1264	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1265	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1307	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1309	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω

Cct Ref	Parts Number	Description			
R1313	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R1317	ERJ3EKF3902V	S.M.CAR	0.1W	1%	39K Ω
R1318	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1325	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1350	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1354	ERJ3EKF8201V	S.M.CAR	0.1W	1%	8K2 Ω
R1356	ERJ3EKF1002V	S.M.CAR	0.1W	1%	10K Ω
R1359	ERJ3EKF1002V	S.M.CAR	0.1W	1%	10K Ω
R1360	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1361	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1364	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1365	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1366	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1367	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1368	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1369	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1370	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1371	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1382	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1383	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1384	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1385	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1386	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1387	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1388	ERJ3GEYJ681V	S.M.CARB	0.33W	5%	680 Ω
R1389	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1390	ERJ3GEYJ681V	S.M.CARB	0.33W	5%	680 Ω
R1391	ERJ3EKF2400V	S.M.CAR	0.1W	1%	240 Ω
R1393	ERJ3EKF2400V	S.M.CAR	0.1W	1%	240 Ω
R1394	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1395	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1396	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1399	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1400	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1401	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1402	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1403	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1405	ERJ3EKF1002V	S.M.CAR	0.1W	1%	10K Ω
R1406	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1407	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1409	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1410	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1411	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1412	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1413	ERJ3EKF2490V	S.M.CAR	0.1W	1%	249 Ω
R1414	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1415	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1416	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1417	ERJ3EKF1800V	S.M.CAR	0.1W	1%	180 Ω
R1418	ERJ3EKF43R0V	S.M.CAR	0.1W	1%	43 Ω
R1419	ERJ3EKF1020V	S.M.CAR	0.1W	1%	102 Ω
R1420	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1421	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1422	ERJ3EKF47R0V	S.M.CAR	0.1W	1%	47 Ω
R1435	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1439	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1440	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1441	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1442	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1443	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1446	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1447	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1449	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1450	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R1451	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1452	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω

Cct Ref	Parts Number	Description			
R1453	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1454	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1455	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1457	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1458	ERJ3GEYJ181	S.M.CARB	0.125	5%	180 Ω
R1459	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1460	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1461	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R1462	ERJ6ENF3301	S.M.CARB	0.1W	1%	330 Ω
R1464	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1466	ERJ6ENF2200	S.M.CARB	0.1W	1%	22 Ω
R1467	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1468	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1469	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1470	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1471	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1472	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R1473	ERJ3GEYJ470V	S.M.CARB	0.125	5%	47 Ω
R1474	ERJ3GEYJ105	S.M.CARB	0.33W	5%	1M Ω
R1475	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1476	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω
R1477	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1478	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1479	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1480	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1481	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1482	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1483	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1484	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1485	ERJ3GEYJ822	S.M.CARB	0.33W	5%	8K2 Ω
R1486	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1487	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1488	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1489	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1490	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1491	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1492	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1493	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1494	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1495	ERJ3EKF75R0V	S.M.CAR	0.1W	1%	75 Ω
R1496	ERJ3GEYJ100	S.M.CARB	0.33W	5%	10 Ω
R1497	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1499	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1500	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1501	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1502	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1503	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1504	ERJ3EKF75R0V	S.M.CAR	0.1W	1%	75 Ω
R1505	ERJ3GEYJ100	S.M.CARB	0.33W	5%	10 Ω
R1507	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1509	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1510	ERJ3GEYJ100	S.M.CARB	0.33W	5%	10 Ω
R1511	ERJ3EKF75R0V	S.M.CAR	0.1W	1%	75 Ω
R1512	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1513	ERJ3EKF1101V	S.M.CAR	0.1W	1%	1K1 Ω
R1514	ERJ3GEYJ271V	S.M.CARB	0.33W	5%	270 Ω
R1515	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1516	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1517	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1518	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1519	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1520	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1521	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1522	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1524	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1525	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
R1526	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1528	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1529	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1531	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1533	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1534	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1535	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1536	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1537	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1538	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1540	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1541	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1543	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1544	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1545	ERJ3GEYJ560	S.M.CARB	0.33W	5%	56 Ω
R1547	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1548	ERJ3GEYJ560	S.M.CARB	0.33W	5%	56 Ω
R1549	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1550	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1551	ERJ3GEYJ162V	S.M.CAR	0.1W	5%	1K6 Ω
R1552	ERJ3GEYJ162V	S.M.CAR	0.1W	5%	1K6 Ω
R1553	ERJ3GEYJ242V	S.M.CAR	0.1W	5%	2K4 Ω
R1554	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1555	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1556	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1557	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1558	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1559	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1560	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1561	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1566	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1569	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1570	ERJ3GEYJ391	S.M.CARB	0.125	5%	390 Ω
R1573	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1574	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1575	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1576	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1578	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1579	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1580	ERJ3EKF4701V	S.M.CAR	0.1W	1%	4K7 Ω
R1583	ERJ3EKF4701V	S.M.CAR	0.1W	1%	4K7 Ω
R1591	ERJ3EKF2202V	S.M.CAR	0.1W	1%	22K Ω
R1592	ERJ3EKF6341V	S.M.CAR	0.1W	1%	6K34 Ω
R1601	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1602	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1603	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1604	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1605	ERJ3GEYJ561V	S.M.CARB	0.125	5%	560 Ω
R1606	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1607	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1608	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1609	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1610	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1611	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1612	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1613	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1614	ERJ3EKF33R0V	S.M.CAR	0.1W	1%	33 Ω
R1615	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1616	ERJ3GEYJ680	S.M.CARB	0.33W	5%	68 Ω
R1617	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1618	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1619	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1620	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1621	ERJ3GEYJ680	S.M.CARB	0.33W	5%	68 Ω
R1622	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1623	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω

Cct Ref	Parts Number	Description			
R1624	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1625	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1626	ERJ3EKF1401V	S.M.CAR	0.1W	1%	1K4 Ω
R1627	ERJ3EKF1001V	S.M.CAR	0.1W	1%	1K Ω
R1628	ERJ3EKF2701V	S.M.CAR	0.1W	1%	2K7 Ω
R1629	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1630	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω
R1631	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1632	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1633	ERJ3GEYJ680	S.M.CARB	0.33W	5%	68 Ω
R1634	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1635	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1636	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1637	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1638	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1639	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1652	EXB38VR000V	CHIP ARR	3W	0%	0 Ω
R1653	EXB38VR000V	CHIP ARR	3W	0%	0 Ω
R1654	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1655	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1656	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1657	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1658	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1659	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1660	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1661	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1662	EXB38VR000V	CHIP ARR	3W	0%	0 Ω
R1663	EXB38VR000V	CHIP ARR	3W	0%	0 Ω
R1664	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1665	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1666	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1667	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1668	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1669	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1670	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1671	EXB38V103JV	CHIP ARR	3W	5%	10K Ω
R1672	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1673	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1674	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1675	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1676	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1677	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1678	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1679	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1680	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω
R1681	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1682	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1686	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1688	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1689	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1690	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1691	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1692	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1693	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R1694	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R1695	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1696	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1697	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1698	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1700	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1701	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1704	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1705	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1706	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1707	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1708	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
R1710	EXB38V221JV	CHIP ARR	0.25W	5%	220 Ω
R1711	EXB38V221JV	CHIP ARR	0.25W	5%	220 Ω
R1712	EXB38V221JV	CHIP ARR	0.25W	5%	220 Ω
R1713	EXB38V221JV	CHIP ARR	0.25W	5%	220 Ω
R1714	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1715	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1716	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1722	ERJ3GEYJ100	S.M.CARB	0.33W	5%	10 Ω
R1723	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1724	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1728	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1729	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1730	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1755	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1756	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1757	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1758	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1759	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1760	ERJ3GEYJ560	S.M.CARB	0.33W	5%	56 Ω
R1797	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1798	ERJ6ENF5900	S.M.CARB	0.1W	5%	90 Ω
R1799	ERJ6ENF1001	S.M.CARB	0.1W	1%	1K Ω
R1800	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1801	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1802	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1803	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1805	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1806	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1808	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1809	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1810	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1811	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1812	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1813	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1815	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1816	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1818	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1819	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1820	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1821	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1822	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1823	ERJ3EKF2200V	S.M.CAR	0.1W	1%	220 Ω
R1825	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1826	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1828	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1829	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1830	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1832	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1833	ERJ6ENF68R0V	S.M.CAR	0.1W	1%	68 Ω
R1834	ERJ6ENF82R0	S.M.CARB	0.1W	1%	82 Ω
R1835	ERJ6ENF68R0V	S.M.CAR	0.1W	1%	68 Ω
R1836	ERJ6ENF82R0	S.M.CARB	0.1W	1%	82 Ω
R1837	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1838	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1839	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1842	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1843	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1844	ERJ6ENF51R0V	S.M.CAR	0.1W	1%	51 Ω
R1845	ERJ6ENF51R0V	S.M.CAR	0.1W	1%	51 Ω
R1846	ERJ6ENF82R0	S.M.CARB	0.1W	1%	82 Ω
R1847	ERJ6ENF68R0V	S.M.CAR	0.1W	1%	68 Ω
R1850	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1851	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1852	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1853	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1854	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω

Cct Ref	Parts Number	Description			
R1855	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R1856	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1857	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1858	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1859	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1860	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1861	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1862	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1864	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1865	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1866	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1867	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1868	ERJ3EKF1200V	S.M.CAR	0.1W	1%	120 Ω
R1869	ERJ3EKF1200V	S.M.CAR	0.1W	1%	120 Ω
R1870	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1871	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1873	ERJ3EKF1800V	S.M.CAR	0.1W	1%	180 Ω
R1874	ERJ3EKF1800V	S.M.CAR	0.1W	1%	180 Ω
R1875	ERJ3EKF4700V	S.M.CAR	0.1W	1%	470 Ω
R1876	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1877	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1878	ERJ3EKF2700V	S.M.CAR	0.1W	1%	270 Ω
R1879	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1880	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1881	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1882	ERJ3EKF6801V	S.M.CAR	0.1W	1%	6K8 Ω
R1883	ERJ3EKF6801V	S.M.CAR	0.1W	1%	6K8 Ω
R1884	ERJ3EKF1201V	S.M.CAR	0.1W	1%	1K2 Ω
R1885	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1886	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1887	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1888	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1890	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1891	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1892	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1893	ERJ3GEYJ330V	S.M.CAR	0.1W	5%	33 Ω
R1894	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1895	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1896	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1897	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1898	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1899	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1901	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1903	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1904	ERJ3EKF1200V	S.M.CAR	0.1W	1%	120 Ω
R1905	ERJ3EKF1200V	S.M.CAR	0.1W	1%	120 Ω
R1906	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1907	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1910	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1911	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1912	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1913	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1914	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1915	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1916	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1917	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1918	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1919	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1920	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1921	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1922	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1923	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1924	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1925	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1926	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1927	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω

Cct Ref	Parts Number	Description			
R1928	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1929	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1930	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1931	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1932	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1933	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1934	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1935	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1939	ERJ3GEYJ560	S.M.CARB	0.33W	5%	56 Ω
R1940	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1941	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1942	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1943	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1944	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1945	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1949	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1953	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1957	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1960	ERJ3GEYJ820	S.M.CARB	0.33W	5%	82 Ω
R1961	EXB38V820JV	CHIP ARR	3W	5%	82 Ω
R1962	ERJ3EKF1500V	S.M.CAR	0.1W	1%	150 Ω
R1963	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1964	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1965	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1966	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1967	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1968	ERJ3EKF39R0V	S.M.CAR	0.1W	1%	39 Ω
R1969	ERJ3EKF39R0V	S.M.CAR	0.1W	1%	39 Ω
R1970	ERJ3GEYJ681V	S.M.CARB	0.33W	5%	680 Ω
R1971	ERJ3EKF4701V	S.M.CAR	0.1W	1%	4K7 Ω
R1972	ERJ3EKF4701V	S.M.CAR	0.1W	1%	4K7 Ω
R1973	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1974	ERJ3EKF2201V	S.M.CAR	0.1W	1%	2K2 Ω
R1975	ERJ3EKF7680V	S.M.CAR	0.1W	1%	768 Ω
R1976	ERJ3EKF3300V	S.M.CAR	0.1W	1%	330 Ω
R1977	ERJ3EKF1800V	S.M.CAR	0.1W	1%	180 Ω
R1978	ERJ3EKF1800V	S.M.CAR	0.1W	1%	180 Ω
R1979	ERJ3GEYJ681V	S.M.CARB	0.33W	5%	680 Ω
R1980	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1981	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R1982	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1986	ERJ6ENF1621V	S.M.CAR	0.1W	1%	1.62K Ω
R1987	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1988	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1989	ERJ6ENF9100	S.M.CARB	0.1W	1%	910 Ω
R1996	ERJ6ENF1020V	S.M.CAR	0.1W	1%	102 Ω
R1997	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1998	ERJ6ENF1020V	S.M.CAR	0.1W	1%	102 Ω
R1999	ERJ6ENF1020V	S.M.CAR	0.1W	1%	102 Ω
R2001	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2002	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2003	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2004	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2005	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2006	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2007	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2008	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2009	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2010	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2011	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2012	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2013	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2014	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2015	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2016	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2017	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω

Cct Ref	Parts Number	Description			
R2019	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2021	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2022	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2023	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R2025	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R2026	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680 Ω
R2027	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2029	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2030	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R2031	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R2032	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2035	ERJ3GEYF223V	S.M.CAR	0.1W	1%	22K Ω
R2036	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2040	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2041	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2047	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2048	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2052	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R2054	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2055	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2056	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2057	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2301	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R2302	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2303	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2304	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2305	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2306	ERX12SJ1R0	METAL	0.5W	5%	1 Ω ⚠
R2308	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2309	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2310	ERJ3GEYJ122V	S.M.CARB	0.33W	5%	1K2 Ω
R2311	ERJ3GEYJ224V	S.M.CARB	0.16W	5%	220 Ω
R2312	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2313	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R2314	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2315	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2316	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R2317	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2318	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2319	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R2320	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2321	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω
R2322	ERJ3GEYJ122V	S.M.CARB	0.33W	5%	1K2 Ω
R2323	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2325	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2327	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2328	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2329	ERJ3GEYJ122V	S.M.CARB	0.33W	5%	1K2 Ω
R2330	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680 Ω
R2332	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2333	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2334	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2335	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2336	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R2337	ERJ3GEYJ683	S.M.CARB	0.33W	5%	68K Ω
R2338	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2339	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2340	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2341	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2342	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2343	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2344	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R2347	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680 Ω
R2348	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2349	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R2350	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω

Cct Ref	Parts Number	Description			
R2351	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R2353	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2354	ERD25TJ2R2	CARBON	0.25W	5%	2R2 Ω
R2355	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R2356	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2357	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2358	ERJ3GEYJ393V	S.M.CARB	1/4W	5%	39K Ω
R2359	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R2360	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2361	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2362	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2363	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R2364	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2365	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2366	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2367	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R2369	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2371	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2372	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R2373	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2374	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2376	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2378	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R2381	ERD25TJ2R2	CARBON	0.25W	5%	2R2 Ω
R2385	ERJ3GEYJ682V	S.M.CARB	0.125	5%	6K8 Ω
R2387	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2388	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2389	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2390	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2391	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω
R2393	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2394	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2701	ERG1FJS100E	METAL	1W	5%	10 Ω
R2705	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3001	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3003	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3004	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3005	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3006	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3007	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω
R3008	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3009	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω
R3010	ERJ3GEYJ680	S.M.CARB	0.33W	5%	68 Ω
R3011	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3012	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3013	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3014	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3015	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3016	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R3018	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3019	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3020	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3021	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3022	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3023	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3024	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3025	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3026	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3027	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3028	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3029	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3030	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3031	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3032	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3033	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3034	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω

Cct Ref	Parts Number	Description			
R3035	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3036	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3037	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3038	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3039	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3040	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3041	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3042	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3043	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3044	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3045	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3047	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3048	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω
R3049	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3050	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3051	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3052	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3053	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3054	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3055	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3056	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3057	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3058	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3059	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3060	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3061	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3062	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3063	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3064	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3065	ERJ3GEYJ680	S.M.CARB	0.33W	5%	68 Ω
R3066	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3067	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3068	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3069	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3070	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R3071	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω
R3072	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3073	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3074	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3075	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3076	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3077	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3078	ERJ8GEYJ391V	S.M.CAR	0.125	5%	390 Ω
R3079	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3080	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3081	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3082	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3083	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3084	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3085	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3086	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3087	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3088	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3089	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3090	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3091	ERJ3GEYJ332	S.M.CARB	0.125	5%	3K3 Ω
R3092	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3093	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R3094	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R3095	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R3096	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R3097	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R3098	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4K7 Ω
R3099	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3100	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3101	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω

Cct Ref	Parts Number	Description				
R3102	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R3103	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω	
R3104	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3105	ERDS1FJ561	CARBON	0.5W	5%	56 Ω	⚠
R3106	ERDS1FJ561	CARBON	0.5W	5%	56 Ω	⚠
R3109	ERJ8GEYJ391V	S.M.CAR	0.125	5%	390 Ω	
R3110	ERJ8GEYJ391V	S.M.CAR	0.125	5%	390 Ω	
R3116	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R3133	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3134	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3401	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3402	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3403	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3404	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3405	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3406	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3407	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3408	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3409	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω	
R3410	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3411	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3412	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω	
R3414	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3415	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3416	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3417	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3420	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3421	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3422	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3424	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3425	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3426	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3427	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3440	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3441	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3443	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3444	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R3445	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3446	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3470	ERJ8GEYJ271	S.M.CAR	0.125	5%	270 Ω	
R3471	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3472	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3473	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R3474	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R3475	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R3480	ERJ8GEYJ391V	S.M.CAR	0.125	5%	390 Ω	
R3481	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R3482	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R3490	ERJ8GEYJ271	S.M.CAR	0.125	5%	270 Ω	
R3491	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω	
R3492	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R3803	ERC12ZGK101V	METAL	0.5W	10%	100 Ω	
R3804	ERC12ZGK101V	METAL	0.5W	10%	100 Ω	
R3805	ERC12GK331D	SOLID	0.5W	10%	330 Ω	
R3806	ERC12GK331D	SOLID	0.5W	10%	330 Ω	
R3807	ERC12GK331D	SOLID	0.5W	10%	330 Ω	
R3809	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180 Ω	
R3810	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180 Ω	
R3811	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180 Ω	
R3812	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R3813	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R3814	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R3818	ERJ6ENF1691V	S.M.CAR	0.1W	1%	1.69K Ω	
R3819	ERJ6ENF1691V	S.M.CAR	0.1W	1%	1.69K Ω	
R3820	ERJ6ENF1691V	S.M.CAR	0.1W	1%	1.69K Ω	
R3821	ERG3FJS333E	METAL	3W	5%	33K Ω	

Cct Ref	Parts Number	Description				
R3822	ERG3FJS333E	METAL	3W	5%	33K Ω	
R3823	ERG3FJS333E	METAL	3W	5%	33K Ω	
R3824	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R3825	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R3826	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R3829	ERC12ZGK101V	METAL	0.5W	10%	100 Ω	
R3830	ERJ6ENF1271V	S.M.CAR	0.1W	1%	1.27K Ω	
R3831	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω	
R3841	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R3844	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R3847	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R4801	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R4802	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω	
R4804	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R4805	ERJ3GEYJ393V	S.M.CARB	1/4W	5%	39K Ω	
R4806	ERJ6ENF8871V	S.M.CAR	0.1W	1%	8.87K Ω	
R4807	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R4808	ERJ3GEYJ683	S.M.CARB	0.33W	5%	68K Ω	
R4809	ERJ3GEYJ333V	S.M.CAR	0.1W	5%	33K Ω	
R4810	ERJ3GEYJ100	S.M.CARB	0.33W	5%	10 Ω	
R4811	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5K6 Ω	
R4812	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R4813	ERDS1FJ820	CARBON	1W	5%	82 Ω	
R4832	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R4833	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R4838	ERG1FJ101P	METAL	1W	5%	100 Ω	⚠
R4839	ERJ6ENF5602	S.M.CARB	0.1W	5%	56 Ω	
R4847	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R4849	ERJ6ENF2001	S.M.CARB	0.1W	1%	2K Ω	
R4858	ERX12SJR68P	METAL	0.5W	5%	0.68 Ω	⚠
R4859	ERDS1FJ391	CARBON	0.5W	5%	390 Ω	
R4864	ERJ3GEYJ683	S.M.CARB	0.33W	5%	68K Ω	
R4865	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R4866	ERDS1FJ391	CARBON	0.5W	5%	390 Ω	
R4868	ERJ3GEYJ822	S.M.CARB	0.33W	5%	8K2 Ω	
R4869	ERX12SJR68P	METAL	0.5W	5%	0.68 Ω	⚠
R4870	ERJ6ENF2611V	S.M.CAR	0.1W	1%	2.61K Ω	
R4871	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R4872	ERJ3GEYJ123	S.M.CARB	0.33W	5%	12K Ω	
R4873	ERJ6ENF5102V	S.M.CAR	0.1W	1%	51K Ω	
R4874	ERJ6ENF5361V	S.M.CAR	0.1W	1%	5.36K Ω	
R4876	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R4878	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R4879	ERJ6ENF5102V	S.M.CAR	0.1W	1%	51K Ω	
R4880	ERJ6ENF4702	S.M.CARB	0.1W	1%	47K Ω	
R4881	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	

CAPACITORS

C002	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C005	ECA1HM331B	ELECT	50V	330pF	
C006	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C007	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C010	ECA0JM102GB	ELECT	6.3V	1000µF	
C011	ECUV1H104KBX	S.M. CAP	50V	100nF	
C013	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C014	ECA1CM100GB	ELECT	16V	10µF	
C017	ECJ2FB1C474K	CERAMIC	16V	470nF	
C018	ECUV1H104KBX	S.M. CAP	50V	100nF	
C023	ECA1HM101GB	ELECT	50V	100µF	
C383	ECA1CM222GB	ELECT	16V	2200µF	
C393	ECKC2H472J	CERAMIC	500V	4.7nF	⚠
C450	ECA1VM102GB	ELECT	35V	1nF	
C451	ECA1VM470B	ELECT	35V	47µF	
C455	ECEA1CN220	ELECT	16V	22µF	
C457	ECA1VM102GB	ELECT	35V	1nF	
C459	ECA1HM100GB	ELECT	50V	10µF	
C460	ECQB1224KFW	FILM	100V	220nF	

Cct Ref	Parts Number	Description			
C461	ECA1VM471GB	ELECT	35V	470µF	
C462	ECUV1H683ZFX	S.M. CAP	50V	68nF	
C463	ECA1VM471GB	ELECT	35V	470µF	
C501	ECA1EM222GB	ELECT	25V	2200µF	
C502	ECA1VM101GB	ELECT	35V	100µF	
C503	ECQV1H104J	FILM	50V	100nF	
C520	ECA0JM331GB	ELECT	6.3V	330µF	
C521	ECKC3A152J	CERAMIC	1KV	1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV	2.7µF	
C523	ECKC3A151J	CERAMIC	1KV	150pF	⚠
C524	ECQM6223JZW	FILM	600V	22nF	
C525	ECQM4223JZW	FILM	400V	22nF	
C526	ECKR3D151KBP	CERAMIC	2kV	150µF	
C527	ECA1HM010GB	ELECT	50V	1µF	
C528	ECKC3D471JB	CERAMIC	2KV	470pF	⚠
C529	ECA1HM100GB	ELECT	50V	10µF	
C530	ECKC3A821J	CERAMIC	1KV	820pF	⚠
C531	ECKC3D102J	CERAMIC	2KV	1nF	⚠
C551	ECWH20102JVY	FILM	200V	1µF	
C552	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C553	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C554	ECQP1822JZ3	FILM	100V	8.2nF	
C555	ECQP1822JZ3	FILM	100V	8.2nF	
C556	ECWH20362JVY	FILM	2kV	3.6nF	
C557	ECWH20362JVY	FILM	2kV	3.6nF	
C558	ECQF6103JZH	FILM	600V	10nF	
C559	ECQF6103JZH	FILM	600V	10nF	
C560	ECKC3A182J	CERAMIC	1KV	1800pF	⚠
C562	ECWF2244JSR	FILM	200V	240nF	
C563	ECWF2824JBB	FILM	200V	820nF	⚠
C564	ECWF2274JBB	FILM	200V	270nF	
C565	ECWF2274JBB	FILM	200V	270nF	
C571	ECA2EM330B	ELECT	250V	33µF	
C572	ECKC3A331J	CERAMIC	1KV	330pF	⚠
C574	ECA160V33UB	ELECT	160V	33µF	
C581	ECQB1H472J	FILM	50V	4.7nF	
C582	ECEA2CNR47SB	ELECT	160V	0.47µF	
C583	ECQB1H223K	FILM	50V	22nF	
C741	ECQE2824KFB	FILM	200V	820nF	
C742	ECKR3A271KBP	CERAMIC	1kV	270µF	
C743	ECKC3A182J	CERAMIC	1KV	1800pF	⚠
C745	ECQE1106KFB	FILM	100V	1800pF	
C751	ECQB1H222J	FILM	50V	2.2nF	
C752	ECA1VM470B	ELECT	35V	47µF	
C753	ECQB1H182K	FILM	50V	1.8nF	
C754	ECQB1H152K	FILM	50V	1.5nF	
C755	ECA1CM471GB	ELECT	16V	470µF	
C761	ECA2EM2R2E	ELECT	250V	2.2µF	
C762	ECQB1H221KF3	FILM	50V	220µF	
C763	ECQB1H221KF3	FILM	50V	220µF	
C764	ECA1CM471GB	ELECT	16V	470µF	
C771	ECKR2H271KB5	CERAMIC	500V	270µF	
C772	ECA1HM100GB	ELECT	50V	10µF	
C791	ECKC3A821J	CERAMIC	1KV	820pF	⚠
C792	ECA1HM101GB	ELECT	50V	100µF	
C793	ECEA1HN100UB	ELECT	50V	10µF	
C801	ECKRAE472ZE	CERAMIC	10V	4.7µF	
C802	ECKRAE472ZE	CERAMIC	10V	4.7µF	
C803	ECKRAE472ZE	CERAMIC	10V	4.7µF	
C804	ECKRAE472ZE	CERAMIC	10V	4.7µF	
C808	ECQE6823KFB	FILM	600V	82nF	
C809	ECOS2GP471DB	ELECT	200V	470µF	
C810	ECQB1H471KF3	FILM	50V	470pF	
C811	ECKW3D271KBP	CERAMIC	2KV	270µF	
C812	ECA1VHG221B	ELECT	35V	220µF	
C814	ECKCWS102MEB	CERAMIC	250V	1nF	

Cct Ref	Parts Number	Description			
C815	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C816	ECKZ3A472KBP	CERAMIC	1KV	4.7nF	
C817	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C819	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C820	ECKC3D101J	CERAMIC	2KV	100pF	⚠
C827	ECKC3A561J	CERAMIC	1kV	560µF	
C829	ECQB1H681JF3	FILM	50V	680pF	
C833	ECA1CHG471B	ELECT	16V	470µF	
C834	ECQB1H103J	FILM	50V	10nF	
C835	ECA1CM102B	ELECT	16V	1000µF	
C836	EEUFC1A471B	CERAMIC	10V	470pF	
C837	ECA1CHG471B	ELECT	16V	470µF	
C838	ECA1EM102GB	ELECT	25V	100µF	
C839	ECA1EM102GB	ELECT	25V	100µF	
C841	ECKRAE472ZE	CERAMIC	10V	4.7µF	
C843	ECQV1H104J	FILM	50V	100nF	
C844	ECKC3A392J	CERAMIC	1KV	39nF	
C845	ECQB1H101	FILM	50V	100µF	
C846	ECCW3D470KGE	ELECT	300V	47µF	
C847	ECA2WM100E	ELECT	450V	10µF	
C853	ECA1HHG100B	ELECT	50V	10µF	
C854	ECKC3A561J	CERAMIC	1kV	560µF	
C855	ECQV1H104J	FILM	50V	100nF	
C857	ECEA1HU471	ELECT	50V	470µF	
C858	ECA1CM102B	ELECT	16V	1000µF	
C860	ECKC2H471J	CERAMIC	500V	470pF	⚠
C861	ECKC3A102J	CERAMIC	1KV	1nF	⚠
C862	ECA1EM472E	ELECT	50V	4.7pF	
C863	ECA1EHG222B	ELECT	25V	2.2pF	
C864	ECA1CM102B	ELECT	16V	1000µF	
C865	ECKC3A561J	CERAMIC	1kV	560µF	
C866	ECKC3A471J	CERAMIC	1KV	470pF	⚠
C867	ECQB1H103J	FILM	50V	10nF	
C868	ECKC3D821JB	CERAMIC	2KV	820pF	⚠
C869	ECA1EHG222B	ELECT	25V	2.2pF	
C870	ECA1EHG331B	ELECT	25V	330pF	
C880	EETHC2C681B	FILM	160V	680µF	
C882	ECKC3A561J	CERAMIC	1kV	560µF	
C883	ECA1CM471GB	ELECT	16V	470µF	
C884	ECA1CM222GB	ELECT	16V	2200µF	
C885	ECA1VM470B	ELECT	35V	47µF	
C886	ECA1HM100GB	ELECT	50V	10µF	
C892	ECQU2A224MLA	FILM	100V	220nF	
C895	ECKCNA152ME7	CERAMIC	10V	1.5µF	⚠
C897	ECKCNA152ME7	CERAMIC	10V	1.5µF	⚠
C898	ECQU2A224MLA	FILM	100V	220nF	
C900	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C901	ECJ2VC1H102K	CERAMIC	50V	1nF	
C903	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C905	ECA1CM221GB	ELECT	16V	220µF	
C906	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C908	ECKC1H103J	CERAMIC	50V	100µF	
C910	ECQB1223KF3	FILM	100V	22nF	
C911	ECQM4103KZ	FILM	400V	10nF	
C912	F2A2C330A037	FILM	160V	33µF	
C914	ECQB1223KF3	FILM	100V	22nF	
C915	F2A2C330A037	FILM	160V	33µF	
C916	ECA1HM101GB	ELECT	50V	100µF	
C917	ECA1HM101GB	ELECT	50V	100µF	
C918	ECA1CM221GB	ELECT	16V	220µF	
C919	ECJ2VC1H102K	CERAMIC	50V	1nF	
C920	ECJ2VC1H102K	CERAMIC	50V	1nF	
C927	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1001	ECJ2VC1H102J	CERAMIC	50V	1nF	
C1002	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1003	ECA1HM101GB	ELECT	50V	100µF	

Cct Ref	Parts Number	Description		
C1004	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1005	ECA1HM100GB	ELECT	50V	10µF
C1007	ECUV1H101JCG	CERAMIC	50V	100pF
C1009	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1010	ECA1HM101GB	ELECT	50V	100µF
C1011	ECA1HM101GB	ELECT	50V	100µF
C1012	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1013	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1014	ECUV1H101JCG	CERAMIC	50V	100pF
C1015	ECEA1HN100UB	ELECT	50V	10µF
C1016	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1017	ECA1CM471GB	ELECT	16V	470µF
C1018	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1019	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1020	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1040	ECQB1H223K	FILM	50V	22nF
C1041	ECA1CM470GB	ELECT	16V	47µF
C1043	ECQB1H471KF3	FILM	50V	470pF
C1101	ECJ1VF1E104	CERAMIC	35V	100nF
C1102	EEVHB0G101R	CERAMIC	4V	100µF
C1103	ECJ1VF1E104	CERAMIC	35V	100nF
C1104	ECJ1VF1E104	CERAMIC	35V	100nF
C1105	ECJ1VF1E104	CERAMIC	35V	100nF
C1106	ECJ1VF1E104	CERAMIC	35V	100nF
C1107	ECJ1VF1E104	CERAMIC	35V	100nF
C1108	ECJ1VF1E104	CERAMIC	35V	100nF
C1109	ECJ1VF1E104	CERAMIC	35V	100nF
C1110	ECJ1VF1E104	CERAMIC	35V	100nF
C1115	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1117	ECJ1VF1E104	CERAMIC	35V	100nF
C1119	ECJ1VF1E104	CERAMIC	35V	100nF
C1120	ECJ1VF1E104	CERAMIC	35V	100nF
C1121	ECJ1VF1E104	CERAMIC	35V	100nF
C1122	ECJ1VF1E104	CERAMIC	35V	100nF
C1123	ECJ1VF1E104	CERAMIC	35V	100nF
C1124	ECJ1VF1E104	CERAMIC	35V	100nF
C1125	ECJ1VF1E104	CERAMIC	35V	100nF
C1126	ECJ1VF1E104	CERAMIC	35V	100nF
C1127	ECJ1VF1E104	CERAMIC	35V	100nF
C1128	ECJ1VF1E104	CERAMIC	35V	100nF
C1129	ECJ1VF1E104	CERAMIC	35V	100nF
C1130	EEVHB0G221P	CERAMIC	16V	220pF
C1131	ECJ1VC1H220J	CERAMIC	50V	22pF
C1132	ECJ1VC1H220J	CERAMIC	50V	22pF
C1133	ECJ1VF1E104	CERAMIC	35V	100nF
C1134	ECJ1VF1E104	CERAMIC	35V	100nF
C1135	ECJ1VF1E104	CERAMIC	35V	100nF
C1136	ECJ1VF1E104	CERAMIC	35V	100nF
C1137	EEVHB0G221P	CERAMIC	16V	220pF
C1138	ECJ1VC1H221	CERAMIC	50V	220pF
C1139	ECJ1VC1H221	CERAMIC	50V	220pF
C1140	ECJ1VB1C104K	CERAMIC	16V	100nF
C1142	ECJ1VC1H151J	CERAMIC	50V	150pF
C1146	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1147	ECA1HM101GB	ELECT	50V	100µF
C1148	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1150	ECJ1VF1E104	CERAMIC	35V	100nF
C1153	ECJ1VB1H103	CERAMIC	50V	10nF
C1157	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C1158	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C1159	EEVHB1C100R	CERAMIC	16V	10µF
C1160	EEVHB1C100R	CERAMIC	16V	10µF
C1161	EEVHB0G221P	CERAMIC	16V	220pF
C1162	ECJ1VF1E104	CERAMIC	35V	100nF
C1163	EEVHB0J101P	CERAMIC	10V	100pF
C1164	ECJ1VF1E104	CERAMIC	35V	100nF

Cct Ref	Parts Number	Description		
C1165	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1166	ECJ1VF1E104	CERAMIC	35V	100nF
C1167	EEVHB1C101P	CERAMIC	16V	100µF
C1168	ECJ1VF1E104	CERAMIC	35V	100nF
C1300	EEVHB0G221P	CERAMIC	16V	220pF
C1301	EEVHB0G101R	CERAMIC	4V	100µF
C1302	EEVHB0J470R	CERAMIC	6.3V	47µF
C1303	EEVHB1C470P	CERAMIC	16V	47µF
C1304	EEVHB0J470R	CERAMIC	6.3V	47µF
C1308	EEVHB1C470P	CERAMIC	16V	47µF
C1309	EEVHB0J470R	CERAMIC	6.3V	47µF
C1310	EEVHB0J470R	CERAMIC	6.3V	47µF
C1311	EEVHB0J470R	CERAMIC	6.3V	47µF
C1312	EEVHB0J470R	CERAMIC	6.3V	47µF
C1317	EEVHB0G101R	CERAMIC	4V	100µF
C1318	EEVHB1C470P	CERAMIC	16V	47µF
C1319	EEVHB1C470P	CERAMIC	16V	47µF
C1320	EEVHB0G101R	CERAMIC	4V	100µF
C1324	EEVHB1C100R	CERAMIC	16V	10µF
C1325	EEVHB1C100R	CERAMIC	16V	10µF
C1329	EEVHB1H1R0R	CERAMIC	50V	1µF
C1331	EEVHB0J470R	CERAMIC	6.3V	47µF
C1332	EEVHB0G101R	CERAMIC	4V	100µF
C1333	EEVHB0G101R	CERAMIC	4V	100µF
C1334	EEVHB0G221P	CERAMIC	16V	220pF
C1338	EEVHB0G101R	CERAMIC	4V	100µF
C1339	EEVHB0G221P	CERAMIC	16V	220pF
C1340	EEVHB1C100R	CERAMIC	16V	10µF
C1341	EEVHB1C100R	CERAMIC	16V	10µF
C1342	EEVHB0G101R	CERAMIC	4V	100µF
C1343	EEVHB0G101R	CERAMIC	4V	100µF
C1344	EEVHB0G101R	CERAMIC	4V	100µF
C1345	EEVHB0G221P	CERAMIC	16V	220pF
C1347	EEVHB0G101R	CERAMIC	4V	100µF
C1348	EEVHB0J470R	CERAMIC	6.3V	47µF
C1350	EEVHB0G101R	CERAMIC	4V	100µF
C1351	ECJ1VF1A105	CERAMIC	25V	1pF
C1352	EEVHB0G221P	CERAMIC	16V	220pF
C1353	EEVHB0G221P	CERAMIC	16V	220pF
C1354	EEVHB0J470R	CERAMIC	6.3V	47µF
C1355	EEVHB0G101R	CERAMIC	4V	100µF
C1356	ECJ1VF1A105	CERAMIC	25V	1pF
C1357	EEVHP1C100R	CERAMIC	16V	10µF
C1358	ECJ1VF1A105	CERAMIC	25V	1pF
C1359	ECJ1VF1A105	CERAMIC	25V	1pF
C1360	EEVHB1C100R	CERAMIC	16V	10µF
C1361	EEVHB0G101R	CERAMIC	4V	100µF
C1366	ECJ1VF1A105	CERAMIC	25V	1pF
C1367	ECJ1VF1A105	CERAMIC	25V	1pF
C1368	ECJ1VB1C563K	CERAMIC	16V	56nF
C1369	ECJ1VB1C104K	CERAMIC	16V	100nF
C1370	ECJ1VB1C104K	CERAMIC	16V	100nF
C1371	ECJ1VB1C104K	CERAMIC	16V	100nF
C1372	ECJ1VB1C104K	CERAMIC	16V	100nF
C1373	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1374	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1376	ECJ2VB1H272K	CERAMIC	50V	1nF
C1397	ECJ2VF1H103Z	CERAMIC	50V	10nF
C1402	ECJ1VF1A105	CERAMIC	25V	1pF
C1403	ECJ1VF1A105	CERAMIC	25V	1pF
C1404	ECJ1VB1C104K	CERAMIC	16V	100nF
C1405	ECJ1VB1C104K	CERAMIC	16V	100nF
C1408	ECJ1VF1A105	CERAMIC	25V	1pF
C1409	ECJ1VF1A105	CERAMIC	25V	1pF
C1416	ECJ1VB1H103	CERAMIC	50V	10nF
C1417	F1K0J3350002	FILM	6.3V	3.3pF

Cct Ref	Parts Number	Description		
C1418	ECJ1VC1H680J	CERAMIC	50V	68pF
C1419	ECJ1VC1H100D	CERAMIC	50V	10µF
C1420	ECJ1VC1H100D	CERAMIC	50V	10µF
C1421	ECJ1VC1H180J	CERAMIC	50V	18pF
C1422	ECJ1VC1H180J	CERAMIC	50V	18pF
C1424	ECJ1VC1H330J	CERAMIC	50V	33pF
C1425	ECJ1VC1H101J	CERAMIC	50V	100pF
C1426	ECJ1VB1H103	CERAMIC	50V	10nF
C1427	ECJ1VC1H101J	CERAMIC	50V	100pF
C1428	ECJ1VF1A105	CERAMIC	25V	1pF
C1429	ECJ1VC1H180J	CERAMIC	50V	18pF
C1430	ECJ1VC1H180J	CERAMIC	50V	18pF
C1431	ECJ1VC1H101J	CERAMIC	50V	100pF
C1432	ECJ1VC1H101J	CERAMIC	50V	100pF
C1433	ECJ1VF1A105	CERAMIC	25V	1pF
C1434	ECJ1VF1A105	CERAMIC	25V	1pF
C1437	ECJ1VB1C104K	CERAMIC	16V	100nF
C1438	ECJ1VF1A105	CERAMIC	25V	1pF
C1439	ECJ1VF1A105	CERAMIC	25V	1pF
C1440	ECJ1VF1A105	CERAMIC	25V	1pF
C1441	ECJ1VB1C104K	CERAMIC	16V	100nF
C1442	ECJ1VF1A105	CERAMIC	25V	1pF
C1444	ECJ1VF1A105	CERAMIC	25V	1pF
C1445	ECJ1VF1A105	CERAMIC	25V	1pF
C1446	ECJ1VF1A105	CERAMIC	25V	1pF
C1447	ECJ1VF1A105	CERAMIC	25V	1pF
C1448	ECJ1VF1A105	CERAMIC	25V	1pF
C1449	ECJ1VF1A105	CERAMIC	25V	1pF
C1452	ECJ1VF1A105	CERAMIC	25V	1pF
C1453	ECJ1VF1A105	CERAMIC	25V	1pF
C1456	ECJ1VB1C104K	CERAMIC	16V	100nF
C1457	ECJ1VB1C104K	CERAMIC	16V	100nF
C1464	ECJ1VB1C104K	CERAMIC	16V	100nF
C1466	ECJ1VB1C104K	CERAMIC	16V	100nF
C1467	ECJ1VC1H820J	CERAMIC	50V	82µF
C1468	ECJ1VB1C104K	CERAMIC	16V	100nF
C1469	ECJ1VB1C104K	CERAMIC	16V	100nF
C1471	ECJ1VB1C104K	CERAMIC	16V	100nF
C1476	ECJ1VB1C104K	CERAMIC	16V	100nF
C1477	ECJ1VB1C104K	CERAMIC	16V	100nF
C1478	ECJ1VB1C393K	CERAMIC	16V	39nF
C1479	ECJ1VF1A105	CERAMIC	25V	1pF
C1482	ECJ1VF1A105	CERAMIC	25V	1pF
C1483	ECJ1VF1A105	CERAMIC	25V	1pF
C1484	ECJ1VF1A105	CERAMIC	25V	1pF
C1485	ECJ1VF1A105	CERAMIC	25V	1pF
C1486	ECJ1VB1C563K	CERAMIC	16V	56nF
C1489	ECJ1VF1A105	CERAMIC	25V	1pF
C1496	ECJ1VF1A105	CERAMIC	25V	1pF
C1498	EEVHB0J470R	CERAMIC	6.3V	47µF
C1499	ECJ1VF1A105	CERAMIC	25V	1pF
C1500	ECJ1VF1A105	CERAMIC	25V	1pF
C1501	ECJ1VC1H150	CERAMIC	50V	15pF
C1502	ECJ1VF1A105	CERAMIC	25V	1pF
C1505	ECJ1VC1H180J	CERAMIC	50V	18pF
C1506	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1509	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1510	ECJ1VC1H470J	CERAMIC	50V	47pF
C1511	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1512	ECJ1VF1A105	CERAMIC	25V	1pF
C1514	ECJ1VF1A105	CERAMIC	25V	1pF
C1515	ECJ1VF1A105	CERAMIC	25V	1pF
C1516	ECJ1VF1A105	CERAMIC	25V	1pF
C1517	ECJ1VF1A105	CERAMIC	25V	1pF
C1518	ECJ1VF1A105	CERAMIC	25V	1pF
C1519	ECJ1VF1A105	CERAMIC	25V	1pF

Cct Ref	Parts Number	Description		
C1520	ECJ1VF1A105	CERAMIC	25V	1pF
C1521	ECJ1VF1A105	CERAMIC	25V	1pF
C1522	ECJ1VF1A105	CERAMIC	25V	1pF
C1523	ECJ1VF1A105	CERAMIC	25V	1pF
C1525	ECJ1VF1A105	CERAMIC	25V	1pF
C1526	ECJ1VF1A105	CERAMIC	25V	1pF
C1527	ECJ1VF1A105	CERAMIC	25V	1pF
C1528	ECJ1VB1C104K	CERAMIC	16V	100nF
C1529	ECJ1VB1C104K	CERAMIC	16V	100nF
C1530	ECJ1VF1A105	CERAMIC	25V	1pF
C1531	ECJ1VB1C104K	CERAMIC	16V	100nF
C1533	ECJ1VF1A105	CERAMIC	25V	1pF
C1534	ECJ1VF1A105	CERAMIC	25V	1pF
C1535	ECJ1VC1H470J	CERAMIC	50V	47pF
C1536	ECJ1VB1C104K	CERAMIC	16V	100nF
C1537	ECJ1VF1A105	CERAMIC	25V	1pF
C1538	ECJ1VF1A105	CERAMIC	25V	1pF
C1539	ECJ1VB1C104K	CERAMIC	16V	100nF
C1540	ECJ1VB1C104K	CERAMIC	16V	100nF
C1541	ECJ1VF1A105	CERAMIC	25V	1pF
C1542	ECJ1VB1C104K	CERAMIC	16V	100nF
C1543	ECJ1VF1A105	CERAMIC	25V	1pF
C1545	ECJ1VB1C104K	CERAMIC	16V	100nF
C1546	ECJ1VF1A105	CERAMIC	25V	1pF
C1547	ECJ1VF1A105	CERAMIC	25V	1pF
C1549	ECJ1VF1A105	CERAMIC	25V	1pF
C1550	ECJ1VF1A105	CERAMIC	25V	1pF
C1551	ECJ1VF1A105	CERAMIC	25V	1pF
C1552	ECJ1VF1A105	CERAMIC	25V	1pF
C1553	ECJ1VF1A105	CERAMIC	25V	1pF
C1554	ECJ1VB1C104K	CERAMIC	16V	100nF
C1555	ECJ1VF1A105	CERAMIC	25V	1pF
C1556	ECJ1VF1A105	CERAMIC	25V	1pF
C1557	ECJ1VF1A105	CERAMIC	25V	1pF
C1558	ECJ1VC1H221	CERAMIC	50V	220pF
C1559	ECJ1VF1A105	CERAMIC	25V	1pF
C1561	ECJ1VF1A105	CERAMIC	25V	1pF
C1562	ECJ1VF1A105	CERAMIC	25V	1pF
C1563	ECJ1VF1A105	CERAMIC	25V	1pF
C1565	ECJ1VF1A105	CERAMIC	25V	1pF
C1566	ECJ1VF1A105	CERAMIC	25V	1pF
C1567	ECJ1VF1A105	CERAMIC	25V	1pF
C1568	ECJ1VF1A105	CERAMIC	25V	1pF
C1569	ECJ1VF1A105	CERAMIC	25V	1pF
C1570	ECJ1VF1A105	CERAMIC	25V	1pF
C1572	ECJ1VF1A105	CERAMIC	25V	1pF
C1573	ECJ1VF1A105	CERAMIC	25V	1pF
C1574	ECJ1VF1A105	CERAMIC	25V	1pF
C1575	ECJ1VB1C104K	CERAMIC	16V	100nF
C1579	ECJ1VB1C104K	CERAMIC	16V	100nF
C1581	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C1584	EEVHB0G221P	CERAMIC	16V	220pF
C1587	ECJ1VF1A105	CERAMIC	25V	1pF
C1589	ECJ1VF1A105	CERAMIC	25V	1pF
C1590	ECJ1VC1H680J	CERAMIC	50V	68pF
C1591	ECJ1VC1H680J	CERAMIC	50V	68pF
C1592	ECJ1VB1C104K	CERAMIC	16V	100nF
C1593	ECJ1VC1H330J	CERAMIC	50V	33pF
C1594	ECJ1VC1H330J	CERAMIC	50V	33pF
C1595	ECJ1VF1A105	CERAMIC	25V	1pF
C1597	ECJ1VB1C104K	CERAMIC	16V	100nF
C1598	ECJ1VB1H103	CERAMIC	50V	10nF
C1599	ECJ1VB1H103	CERAMIC	50V	10nF
C1601	ECJ1VF1A105	CERAMIC	25V	1pF
C1603	ECJ1VF1A105	CERAMIC	25V	1pF
C1606	ECJ1VF1A105	CERAMIC	25V	1pF

Cct Ref	Parts Number	Description		
C1607	ECJ1VC1H471J	CERAMIC	35V	470pF
C1609	ECJ1VF1A105	CERAMIC	25V	1pF
C1610	ECJ1VB1C104K	CERAMIC	16V	100nF
C1613	ECJ1VF1A105	CERAMIC	25V	1pF
C1614	ECJ1VC1H101J	CERAMIC	50V	100pF
C1616	ECJ1VF1A105	CERAMIC	25V	1pF
C1618	ECJ1VF1A105	CERAMIC	25V	1pF
C1619	ECJ1VF1A105	CERAMIC	25V	1pF
C1620	ECJ1VF1A105	CERAMIC	25V	1pF
C1621	ECJ1VF1A105	CERAMIC	25V	1pF
C1622	ECJ1VF1A105	CERAMIC	25V	1pF
C1623	ECJ1VF1A105	CERAMIC	25V	1pF
C1625	ECJ1VC1H330J	CERAMIC	50V	33pF
C1626	EEVHB1H1R0R	CERAMIC	50V	1µF
C1627	ECJ1VB1C103K	CERAMIC	16V	10nF
C1628	ECJ1VF1A105	CERAMIC	25V	1pF
C1629	ECJ1VF1A105	CERAMIC	25V	1pF
C1630	ECJ1VF1A105	CERAMIC	25V	1pF
C1631	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1632	ECJ1VF1A105	CERAMIC	25V	1pF
C1633	ECJ1VF1A105	CERAMIC	25V	1pF
C1634	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1635	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1636	ECJ1VF1A105	CERAMIC	25V	1pF
C1637	ECJ1VF1A105	CERAMIC	25V	1pF
C1638	ECJ1VF1A105	CERAMIC	25V	1pF
C1639	ECJ1VF1A105	CERAMIC	25V	1pF
C1640	ECJ1VF1A105	CERAMIC	25V	1pF
C1641	ECJ1VB1C104K	CERAMIC	16V	100nF
C1642	ECJ1VF1A105	CERAMIC	25V	1pF
C1643	ECJ1VF1A105	CERAMIC	25V	1pF
C1644	ECJ1VF1A105	CERAMIC	25V	1pF
C1645	ECJ1VF1A105	CERAMIC	25V	1pF
C1646	ECJ1VF1A105	CERAMIC	25V	1pF
C1647	ECJ1VF1A105	CERAMIC	25V	1pF
C1648	ECJ1VF1A105	CERAMIC	25V	1pF
C1649	ECJ1VF1A105	CERAMIC	25V	1pF
C1650	ECJ1VF1A105	CERAMIC	25V	1pF
C1651	ECJ1VF1A105	CERAMIC	25V	1pF
C1652	ECJ1VB1H103	CERAMIC	50V	10nF
C1653	ECJ1VF1A105	CERAMIC	25V	1pF
C1654	ECJ1VB1H103	CERAMIC	50V	10nF
C1655	ECJ1VB1H103	CERAMIC	50V	10nF
C1656	ECJ1VF1A105	CERAMIC	25V	1pF
C1657	ECJ1VB1H103	CERAMIC	50V	10nF
C1658	ECJ1VF1A105	CERAMIC	25V	1pF
C1659	EEVHB1H1R0R	CERAMIC	50V	1µF
C1660	ECJ1VF1A105	CERAMIC	25V	1pF
C1661	ECJ1VF1A105	CERAMIC	25V	1pF
C1662	ECJ1VF1A105	CERAMIC	25V	1pF
C1663	ECJ1VF1A105	CERAMIC	25V	1pF
C1664	ECJ1VF1A105	CERAMIC	25V	1pF
C1665	ECJ1VF1A105	CERAMIC	25V	1pF
C1666	ECJ1VF1A105	CERAMIC	25V	1pF
C1667	ECJ1VF1A105	CERAMIC	25V	1pF
C1668	ECJ1VF1A105	CERAMIC	25V	1pF
C1669	ECJ1VF1A105	CERAMIC	25V	1pF
C1670	ECJ1VF1A105	CERAMIC	25V	1pF
C1671	ECJ1VF1A105	CERAMIC	25V	1pF
C1672	ECJ1VF1A105	CERAMIC	25V	1pF
C1673	ECJ1VF1A105	CERAMIC	25V	1pF
C1674	ECJ1VF1A105	CERAMIC	25V	1pF
C1675	ECJ1VB1H103	CERAMIC	50V	10nF
C1677	ECJ1VF1A105	CERAMIC	25V	1pF
C1678	ECJ1VF1A105	CERAMIC	25V	1pF
C1679	ECJ1VF1A105	CERAMIC	25V	1pF

Cct Ref	Parts Number	Description		
C1680	ECJ1VB1C104K	CERAMIC	16V	100nF
C1681	ECJ1VF1A105	CERAMIC	25V	1pF
C1682	EEVHB0G101R	CERAMIC	4V	100µF
C1684	ECJ1VC1H101J	CERAMIC	50V	100pF
C1691	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1692	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1693	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1694	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1695	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1696	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1697	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1698	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1699	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1700	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1701	ECJ1VF1A105	CERAMIC	25V	1pF
C1702	ECJ1VF1A105	CERAMIC	25V	1pF
C1703	ECJ1VC1H100D	CERAMIC	50V	10µF
C1704	ECJ1VC1H040C	CERAMIC	50V	0.4µF
C1705	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1706	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1707	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1708	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1709	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1710	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1711	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1712	ECJ1VB1H103	CERAMIC	50V	10nF
C1713	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1716	EEFCD0G560R	FILM	4V	56µF
C1717	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1718	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1719	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1720	ECJ1VF1E104	CERAMIC	35V	100nF
C1721	ECJ1VB1C104K	CERAMIC	16V	100nF
C1722	ECJ1VB1C104K	CERAMIC	16V	100nF
C1723	ECJ1VB1C103K	CERAMIC	16V	10nF
C1724	EEVHB0G101R	CERAMIC	4V	100µF
C1725	ECJ1VB1C104K	CERAMIC	16V	100nF
C1726	EEVHB1C100R	CERAMIC	16V	10µF
C1727	EEVHB0J470R	CERAMIC	6.3V	47µF
C1728	ECJ1VB1C104K	CERAMIC	16V	100nF
C1729	EEVHP1C100R	CERAMIC	16V	10µF
C1735	EEVHP1C100R	CERAMIC	16V	10µF
C1737	EEVHP1C100R	CERAMIC	16V	10µF
C1739	EEVHP1C100R	CERAMIC	16V	10µF
C1741	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C1742	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1743	EEVHP1C100R	CERAMIC	16V	10µF
C1744	EEVHB1C470P	CERAMIC	16V	47µF
C1747	ECJ1VB1C103K	CERAMIC	16V	10nF
C1749	ECJ1VB1H681K	CERAMIC	50V	680µF
C1750	ECJ1VF1A105	CERAMIC	25V	1pF
C1751	ECJ1VF1A105	CERAMIC	25V	1pF
C1752	ECJ1VF1A105	CERAMIC	25V	1pF
C1753	ECJ1VF1A105	CERAMIC	25V	1pF
C1754	ECJ1VF1A105	CERAMIC	25V	1pF
C1755	ECJ1VF1A105	CERAMIC	25V	1pF
C1756	ECJ1VF1A105	CERAMIC	25V	1pF
C1757	ECJ1VF1A105	CERAMIC	25V	1pF
C1758	ECJ1VF1A105	CERAMIC	25V	1pF
C1759	ECJ1VF1A105	CERAMIC	25V	1pF
C1760	ECJ1VF1A105	CERAMIC	25V	1pF
C1761	ECJ1VF1A105	CERAMIC	25V	1pF
C1762	ECJ1VF1A105	CERAMIC	25V	1pF
C1763	ECJ1VF1A105	CERAMIC	25V	1pF
C1764	ECJ1VF1A105	CERAMIC	25V	1pF
C1765	ECJ1VF1A105	CERAMIC	25V	1pF

Cct Ref	Parts Number	Description		
C1766	ECJ1VF1A105	CERAMIC	25V	1pF
C1767	ECJ1VF1A105	CERAMIC	25V	1pF
C1768	ECJ1VF1A105	CERAMIC	25V	1pF
C1769	ECJ1VF1A105	CERAMIC	25V	1pF
C1770	ECJ1VF1A105	CERAMIC	25V	1pF
C1771	ECJ1VF1A105	CERAMIC	25V	1pF
C1772	ECJ1VF1A105	CERAMIC	25V	1pF
C1773	ECJ1VF1A105	CERAMIC	25V	1pF
C1774	ECJ1VF1A105	CERAMIC	25V	1pF
C1775	ECJ1VF1A105	CERAMIC	25V	1pF
C1776	ECJ1VF1A105	CERAMIC	25V	1pF
C1777	ECJ1VF1A105	CERAMIC	25V	1pF
C1778	ECJ1VF1A105	CERAMIC	25V	1pF
C1779	ECJ1VF1A105	CERAMIC	25V	1pF
C1780	ECJ1VF1A105	CERAMIC	25V	1pF
C1781	ECJ1VF1A105	CERAMIC	25V	1pF
C1782	ECJ1VF1A105	CERAMIC	25V	1pF
C1783	ECJ1VF1A105	CERAMIC	25V	1pF
C1784	ECJ1VF1A105	CERAMIC	25V	1pF
C1785	ECJ1VF1A105	CERAMIC	25V	1pF
C1786	ECJ1VF1A105	CERAMIC	25V	1pF
C1787	ECJ1VF1A105	CERAMIC	25V	1pF
C1788	ECJ1VF1A105	CERAMIC	25V	1pF
C1789	ECJ1VF1A105	CERAMIC	25V	1pF
C1790	ECJ1VF1A105	CERAMIC	25V	1pF
C1791	ECJ1VF1A105	CERAMIC	25V	1pF
C1792	ECJ1VF1A105	CERAMIC	25V	1pF
C1793	ECJ1VF1A105	CERAMIC	25V	1pF
C1794	ECJ1VF1A105	CERAMIC	25V	1pF
C1795	ECJ1VF1A105	CERAMIC	25V	1pF
C1796	ECJ1VF1A105	CERAMIC	25V	1pF
C1797	ECJ1VF1A105	CERAMIC	25V	1pF
C1798	ECJ1VF1A105	CERAMIC	25V	1pF
C1799	ECJ1VF1A105	CERAMIC	25V	1pF
C1800	ECJ1VF1A105	CERAMIC	25V	1pF
C1807	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1808	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1809	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1810	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1811	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1812	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1813	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1814	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1815	ECJ1VB1C103K	CERAMIC	16V	10nF
C1816	ECJ1VB1C104K	CERAMIC	16V	100nF
C1817	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1818	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1819	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1820	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1821	ECJ1VB1C104K	CERAMIC	16V	100nF
C1823	ECJ1VF1E104	CERAMIC	35V	100nF
C1824	ECJ1VF1E104	CERAMIC	35V	100nF
C1825	ECJ1VB1C104K	CERAMIC	16V	100nF
C1826	ECJ1VB1C104K	CERAMIC	16V	100nF
C1827	ECJ1VB1C104K	CERAMIC	16V	100nF
C1828	ECJ1VB1C104K	CERAMIC	16V	100nF
C1829	ECJ1VC1H560J	CERAMIC	50V	56pF
C1830	ECJ1VC1H560J	CERAMIC	50V	56pF
C1831	ECJ1VC1H151J	CERAMIC	50V	150pF
C1832	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1833	ECJ3YB0J106M	CERAMIC	6.3V	10pF
C1834	ECJ1VC1H101J	CERAMIC	50V	100pF
C1835	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1836	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1837	ECJ1VC1H560J	CERAMIC	50V	56pF
C1838	ECJ1VC1H560J	CERAMIC	50V	56pF

Cct Ref	Parts Number	Description		
C1839	ECJ1VC1H151J	CERAMIC	50V	150pF
C1840	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1841	ECJ3YB0J106M	CERAMIC	6.3V	10pF
C1842	ECJ1VC1H101J	CERAMIC	50V	100pF
C1843	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1844	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1845	ECJ1VC1H560J	CERAMIC	50V	56pF
C1846	ECJ1VC1H560J	CERAMIC	50V	56pF
C1847	ECJ1VC1H151J	CERAMIC	50V	150pF
C1848	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1849	ECJ3YB0J106M	CERAMIC	6.3V	10pF
C1850	ECJ1VB1C103K	CERAMIC	16V	10nF
C1851	ECJ1VB1C104K	CERAMIC	16V	100nF
C1852	EEVHB0J470R	CERAMIC	6.3V	47µF
C1853	ECJ1VB1C104K	CERAMIC	16V	100nF
C1854	ECJ1VB1C104K	CERAMIC	16V	100nF
C1855	EEVHB0J470R	CERAMIC	6.3V	47µF
C1856	ECJ1VB1C104K	CERAMIC	16V	100nF
C1857	EEVHB0G101R	CERAMIC	4V	100µF
C1858	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1859	ECJ1VC1H101J	CERAMIC	50V	100pF
C1860	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1861	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1862	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1863	ECJ1VB1C103K	CERAMIC	16V	10nF
C1864	EEVHB0G101R	CERAMIC	4V	100µF
C1866	EEVHB0G101R	CERAMIC	4V	100µF
C1867	EEVHB0G101R	CERAMIC	4V	100µF
C1868	EEVHB0G101R	CERAMIC	4V	100µF
C1869	EEVHB0J470R	CERAMIC	6.3V	47µF
C1870	EEVHB1C100R	CERAMIC	16V	10µF
C1871	EEVHB1C100R	CERAMIC	16V	10µF
C1872	EEVHB0G101R	CERAMIC	4V	100µF
C1873	EEVHB0G101R	CERAMIC	4V	100µF
C1874	EEFCD0G560R	FILM	4V	56µF
C1875	EEFCD0G560R	FILM	4V	56µF
C1901	ECJ1VF1E104	CERAMIC	35V	100nF
C1902	ECJ1VF1E104	CERAMIC	35V	100nF
C1905	ECJ1VB1H102	CERAMIC	50V	10nF
C1906	ECJ1VB1H102	CERAMIC	50V	10nF
C1907	ECJ1VB1H102	CERAMIC	50V	10nF
C1908	ECJ1VB1H102	CERAMIC	50V	10nF
C1909	ECJ1VB1H102	CERAMIC	50V	10nF
C1910	ECJ1VB1H102	CERAMIC	50V	10nF
C1911	ECJ1VB1H102	CERAMIC	50V	10nF
C1912	ECJ1VB1H102	CERAMIC	50V	10nF
C1913	ECJ1VB1H102	CERAMIC	50V	10nF
C1914	ECJ1VB1H102	CERAMIC	50V	10nF
C1915	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1916	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1917	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1919	ECJ1VF1E104	CERAMIC	35V	100nF
C1920	ECJ1VF1E104	CERAMIC	35V	100nF
C1921	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1922	F1K0J3350002	FILM	6.3V	3.3pF
C1923	ECJ1VF1E104	CERAMIC	35V	100nF
C1924	ECJ1VF1E104	CERAMIC	35V	100nF
C1925	ECJ1VF1E104	CERAMIC	35V	100nF
C1926	ECJ1VF1E104	CERAMIC	35V	100nF
C1935	ECJ1VC1H470J	CERAMIC	50V	47pF
C1937	ECJ1VC1H470J	CERAMIC	50V	47pF
C1938	ECJ1VF1E104	CERAMIC	35V	100nF
C1939	ECJ1VF1E104	CERAMIC	35V	100nF
C1940	ECJ1VF1E104	CERAMIC	35V	100nF
C1941	ECJ1VF1E104	CERAMIC	35V	100nF
C1942	ECJ1VC1H150	CERAMIC	50V	15pF

Cct Ref	Parts Number	Description		
C1943	ECJ1VC1H150	CERAMIC	50V	15pF
C1944	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1945	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1946	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1947	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1949	ECJ1VC1H680J	CERAMIC	50V	68pF
C1950	ECJ1VC1H680J	CERAMIC	50V	68pF
C1951	EEVHB1A330R	CERAMIC	10V	33µF
C1956	ECJ1VC1H220J	CERAMIC	50V	22pF
C1958	ECJ1VC1H220J	CERAMIC	50V	22pF
C1959	EEVHB1C470P	CERAMIC	16V	47µF
C1960	ECJ1VC1H330J	CERAMIC	50V	33pF
C1961	ECJ1VC1H330J	CERAMIC	50V	33pF
C1964	ECJ1VC1H470J	CERAMIC	50V	47pF
C1965	ECJ3YB0J685M	CERAMIC	6.3V	6.8pF
C1968	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1969	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1970	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1971	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1972	ECJ1VC1H390J	CERAMIC	50V	39µF
C1975	ECJ1VC1H390J	CERAMIC	50V	39µF
C1976	ECJ1VC1H220J	CERAMIC	50V	22pF
C1979	ECJ1VF1A105	CERAMIC	25V	1pF
C1980	ECJ1VF1A105	CERAMIC	25V	1pF
C1981	ECJ1VF1A105	CERAMIC	25V	1pF
C1982	ECJ1VC1H080	CERAMIC	63V	8pF
C1983	ECJ1VF1E104	CERAMIC	35V	100nF
C1984	ECJ1VC1H150	CERAMIC	50V	15pF
C1985	ECJ1VC1H150	CERAMIC	50V	15pF
C1986	ECJ1VC1H101J	CERAMIC	50V	100pF
C1987	ECJ1VC1H101J	CERAMIC	50V	100pF
C1988	EEVHP1E220P	CERAMIC	25V	22µF
C1989	EEVHP1E220P	CERAMIC	25V	22µF
C1990	ECJ3YB0J685M	CERAMIC	6.3V	6.8pF
C1991	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1992	ECJ1VB0J105K	CERAMIC	6.3V	1µF
C1994	ECJ1VB1H103	CERAMIC	50V	10nF
C2001	ECJ2VB1H102K	CERAMIC	50V	1nF
C2002	ECJ2VB1H102K	CERAMIC	50V	1nF
C2003	ECJ2VB1H102K	CERAMIC	50V	1nF
C2004	ECJ2VB1H102K	CERAMIC	50V	1nF
C2005	ECJ2VB1H102K	CERAMIC	50V	1nF
C2006	ECUV1H103JCN	CERAMIC	50V	10nF
C2007	ECEA1HN100UB	ELECT	50V	10µF
C2008	ECEA1HN100UB	ELECT	50V	10µF
C2009	ECUV1H103JCN	CERAMIC	50V	10nF
C2010	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2011	ECA1CM471GB	ELECT	16V	470µF
C2012	ECUV1H103JCN	CERAMIC	50V	10nF
C2016	ECA1CM100GB	ELECT	16V	10µF
C2017	ECUV1H104KBX	S.M. CAP	50V	100nF
C2018	ECA1CM100GB	ELECT	16V	10µF
C2019	ECUV1H103JCN	CERAMIC	50V	10nF
C2021	ECA1HM3R3GB	ELECT	50V	3.3µF
C2022	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2023	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2024	ECA1HM100GB	ELECT	50V	10µF
C2025	ECA1HMR47GB	ELECT	50V	0.47µF
C2026	ECUV1H103JCN	CERAMIC	50V	10nF
C2027	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2029	ECJ2VC1H030C	CERAMIC	50V	0.3µF
C2030	ECJ2VC1H030C	CERAMIC	50V	0.3µF
C2031	ECA1HM101GB	ELECT	50V	100µF
C2032	ECA1HM101GB	ELECT	50V	100µF
C2033	ECUV1H470JCX	S.M. CAP	50V	47pF
C2034	ECA1HM101GB	ELECT	50V	100µF

Cct Ref	Parts Number	Description		
C2035	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2036	ECUV1H470JCX	S.M. CAP	50V	47pF
C2037	ECUV1H560GCG	S.M. CAP	50V	56pF
C2038	ECJ2VC1H100D	CERAMIC	50V	10µF
C2039	ECUV1H220JCX	S.M. CAP	50V	22pF
C2043	ECJ1VB1C104K	CERAMIC	16V	100nF
C2044	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2045	ECUV1H683ZFX	S.M. CAP	50V	68nF
C2047	ECA1CM221GB	ELECT	16V	220µF
C2049	ECA1CM221GB	ELECT	16V	220µF
C2050	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2052	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2055	ECA1HM220GB	ELECT	50V	22µF
C2056	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2057	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2058	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2308	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2309	ECA1HM4R7GB	ELECT	50V	4.7µF
C2310	ECEA1HN100UB	ELECT	50V	10µF
C2312	ECQB1H224JF3	FILM	50V	220nF
C2313	ECEA1HN220UB	ELECT	50V	22µF
C2316	ECJ2VC1H102J	CERAMIC	50V	1nF
C2318	ECUV1H223JCN	CERAMIC	50V	22nF
C2319	ECJ2VB1C124K	CERAMIC	16V	120nF
C2320	ECJ2YB1C274K	CERAMIC	16V	270nF
C2322	ECJ3FF1E105Z	CERAMIC	25V	1pF
C2323	ECUV1H561KBX	S.M. CAP	50V	560pF
C2324	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C2325	ECUV1H682KBX	S.M. CAP	50V	6.8nF
C2326	ECUV1H473JCN	CERAMIC	50V	47nF
C2327	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2331	ECUV1H104KBX	S.M. CAP	50V	100nF
C2333	ECEA1HU471	ELECT	50V	470µF
C2335	ECJ2VB1H102K	CERAMIC	50V	1nF
C2336	ECUV1H472KBX	S.M. CAP	50V	4.7nF
C2337	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C2338	ECUV1H682KBX	S.M. CAP	50V	6.8nF
C2339	ECUV1H473JCN	CERAMIC	50V	47nF
C2340	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2342	ECA1VM470B	ELECT	35V	47µF
C2343	ECUV1H223JCN	CERAMIC	50V	22nF
C2344	ECJ2VB1C124K	CERAMIC	16V	120nF
C2345	ECJ2YB1C274K	CERAMIC	16V	270nF
C2347	ECUV1H104KBX	S.M. CAP	50V	100nF
C2348	ECJ2VC1H102J	CERAMIC	50V	1nF
C2350	ECUV1H472KBX	S.M. CAP	50V	4.7nF
C2351	F2A1H4R7A182	FILM	50V	4.7µF
C2352	ECJ2VF1C224Z	CERAMIC	16V	220nF
C2353	ECJ2VF1C224Z	CERAMIC	16V	220nF
C2354	ECEA1HU101	ELECT	50V	100µF
C2355	F2A1E1010056	FILM	25V	100µF
C2356	ECUV1H472KBX	S.M. CAP	50V	4.7nF
C2357	F2A1H4R7A182	FILM	50V	4.7µF
C2358	F2A1H4R7A182	FILM	50V	4.7µF
C2359	ECA1HM101GB	ELECT	50V	100µF
C2360	EEUFC1H222E	ELECT	50V	2.2nF
C2361	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2363	ECEA1HN4R7UB	ELECT	50V	4.7µF
C2365	ECA1CM471GB	ELECT	16V	470µF
C2366	ECEA1HN4R7UB	ELECT	50V	4.7µF
C2367	ECUV1H471JCN	CERAMIC	50V	470µF
C2368	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2369	ECUV1H683ZFX	S.M. CAP	50V	68nF
C2370	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2371	ECA0JM222GB	ELECT	6.3V	2.2nF
C2372	ECJ2VF1C104Z	CERAMIC	16V	100nF

Cct Ref	Parts Number	Description		
C2373	F2A1H4R7A182	FILM	50V	4.7µF
C2374	ECEA1HU101	ELECT	50V	100µF
C2376	ECA1CM221GB	ELECT	16V	220µF
C2377	ECJ2VB1H152K	CERAMIC	50V	1.5nF
C2378	ECA1HM101GB	ELECT	50V	100µF
C2379	ECQB1H224JF3	FILM	50V	220nF
C2380	ECUV1H472KBX	S.M. CAP	50V	4.7nF
C2381	ECQB1H224JF3	FILM	50V	220nF
C2382	ECQB1H224JF3	FILM	50V	220nF
C2384	ECQB1H224JF3	FILM	50V	220nF
C2385	ECEA1HU102	ELECT	50V	1000µF
C2392	ECEA1HN100UB	ELECT	50V	10µF
C2394	ECUV1H471JCN	CERAMIC	50V	470µF
C2395	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2396	ECA1VM470B	ELECT	35V	47µF
C2397	ECA1CM221GB	ELECT	16V	220µF
C2398	ECA1HM101GB	ELECT	50V	100µF
C2399	ECA1HM100GB	ELECT	50V	10µF
C2400	ECA1CM471GB	ELECT	16V	470µF
C2404	ECEA1HU102	ELECT	50V	1000µF
C2407	ECA1HM470GB	ELECT	50V	47µF
C2408	ECEA1HU471	ELECT	50V	470µF
C2701	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2702	ECA1CM222GB	ELECT	16V	2200µF
C2703	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2704	ECA1CM471GB	ELECT	16V	470µF
C2705	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2706	ECA0JM222GB	ELECT	6.3V	2.2nF
C2707	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2708	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2709	ECA1CM471GB	ELECT	16V	470µF
C2710	ECUV1H104KBX	S.M. CAP	50V	100nF
C2711	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2712	ECA1CM471GB	ELECT	16V	470µF
C2714	ECA1VM471GB	ELECT	35V	470µF
C2716	ECA1CM471GB	ELECT	16V	470µF
C2717	ECA1HM101GB	ELECT	50V	100µF
C3001	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3002	TACCN0J105KT	CERAMIC	6.3V	1µF
C3003	ECA1HM101GB	ELECT	50V	100µF
C3004	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3005	ECA1HM101GB	ELECT	50V	100µF
C3006	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3007	ECA1HM101GB	ELECT	50V	100µF
C3008	TACCN0J105KT	CERAMIC	6.3V	1µF
C3009	TACCN0J105KT	CERAMIC	6.3V	1µF
C3010	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3011	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3013	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3014	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3015	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3017	ECEA1HN100UB	ELECT	50V	10µF
C3018	ECEA1HN100UB	ELECT	50V	10µF
C3019	ECEA1HN100UB	ELECT	50V	10µF
C3020	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3021	ECA1CM221GB	ELECT	16V	220µF
C3022	ECA1HM101GB	ELECT	50V	100µF
C3023	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3024	ECA1HM101GB	ELECT	50V	100µF
C3025	ECEA1HN100UB	ELECT	50V	10µF
C3026	ECEA1HN100UB	ELECT	50V	10µF
C3027	ECEA1HN100UB	ELECT	50V	10µF
C3028	ECEA1HN100UB	ELECT	50V	10µF
C3029	ECEA1HN100UB	ELECT	50V	10µF
C3030	TACCN0J105KT	CERAMIC	6.3V	1µF
C3031	TACCN0J105KT	CERAMIC	6.3V	1µF

Cct Ref	Parts Number	Description		
C3032	TACCN0J105KT	CERAMIC	6.3V	1µF
C3033	TACCN0J105KT	CERAMIC	6.3V	1µF
C3034	TACCN0J105KT	CERAMIC	6.3V	1µF
C3035	TACCN0J105KT	CERAMIC	6.3V	1µF
C3036	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3037	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3038	ECA1HM101GB	ELECT	50V	100µF
C3039	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3046	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3047	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3048	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3049	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3050	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3051	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3052	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3054	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3055	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3056	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3057	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3059	ECJ2VF1H103Z	CERAMIC	50V	10nF
C3060	ECJ2VF1H103Z	CERAMIC	50V	10nF
C3061	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3062	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3063	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3064	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3065	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3066	ECUV1H561KBX	S.M. CAP	50V	560pF
C3067	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3068	TACCN0J105KT	CERAMIC	6.3V	1µF
C3069	TACCN0J105KT	CERAMIC	6.3V	1µF
C3071	TACCN0J105KT	CERAMIC	6.3V	1µF
C3072	TACCN0J105KT	CERAMIC	6.3V	1µF
C3073	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C3074	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C3075	ECUV1H104KBX	S.M. CAP	50V	100nF
C3076	ECUV1H104KBX	S.M. CAP	50V	100nF
C3077	ECA1HM101GB	ELECT	50V	100µF
C3086	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3089	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3090	ECJ3YB0J335K	CERAMIC	6.3V	3.3pF
C3101	ECQB1H103J	FILM	50V	10nF
C3102	ECQB1H103J	FILM	50V	10nF
C3107	ECQB1H561J	FILM CAP	50V	560µF
C3109	ECQB1H561J	FILM CAP	50V	560µF
C3111	ECQB1H103J	FILM	50V	10nF
C3401	ECUV1H561KBX	S.M. CAP	50V	560pF
C3402	ECUV1H561KBX	S.M. CAP	50V	560pF
C3403	ECUV1H561KBX	S.M. CAP	50V	560pF
C3404	ECUV1H561KBX	S.M. CAP	50V	560pF
C3405	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3406	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3407	ECJ2VC1H102K	CERAMIC	50V	1nF
C3410	ECUV1H561KBX	S.M. CAP	50V	560pF
C3411	ECUV1H561KBX	S.M. CAP	50V	560pF
C3412	ECUV1H561KBX	S.M. CAP	50V	560pF
C3413	ECUV1H561KBX	S.M. CAP	50V	560pF
C3414	ECJ2VC1H102K	CERAMIC	50V	1nF
C3415	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3416	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3420	ECUV1H561KBX	S.M. CAP	50V	560pF
C3421	ECUV1H561KBX	S.M. CAP	50V	560pF
C3422	ECUV1H561KBX	S.M. CAP	50V	560pF
C3423	ECUV1H561KBX	S.M. CAP	50V	560pF
C3424	ECJ2VC1H102K	CERAMIC	50V	1nF
C3425	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3426	ECJ2VF1C105Z	CERAMIC	16V	1pF

Cct Ref	Parts Number	Description		
C3440	ECUV1H561KBX	S.M. CAP	50V	560pF
C3441	ECUV1H561KBX	S.M. CAP	50V	560pF
C3442	ECUV1H561KBX	S.M. CAP	50V	560pF
C3443	ECUV1H561KBX	S.M. CAP	50V	560pF
C3444	ECJ2VC1H102K	CERAMIC	50V	1nF
C3445	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3446	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3450	ECUV1H561KBX	S.M. CAP	50V	560pF
C3460	ECUV1H104KBX	S.M. CAP	50V	100nF
C3461	ECA1HM101GB	ELECT	50V	100µF
C3462	ECUV1H104KBX	S.M. CAP	50V	100nF
C3463	ECUV1H104KBX	S.M. CAP	50V	100nF
C3465	TACCN0J105KT	CERAMIC	6.3V	1µF
C3480	TACCN0J105KT	CERAMIC	6.3V	1µF
C3481	TACCN0J105KT	CERAMIC	6.3V	1µF
C3483	ECUV1H104KBX	S.M. CAP	50V	100nF
C3484	TACCN0J105KT	CERAMIC	6.3V	1µF
C3487	ECEA1CN100	ELECT	16V	10µF
C3489	ECEA1CN100	ELECT	16V	10µF
C3804	ECJ2VC1H180J	CERAMIC	50V	18pF
C3805	ECJ2VC1H180J	CERAMIC	50V	18pF
C3806	ECJ2VC1H180J	CERAMIC	50V	18pF
C3813	ECJ2YB1H104K	CERAMIC	50V	100nF
C3814	ECJ2YB1H104K	CERAMIC	50V	100nF
C3815	ECJ2YB1H104K	CERAMIC	50V	100nF
C3816	ECA0JM221GB	ELECT	6.3V	220pF
C3817	F2A1E470A211	FILM	25V	47µF
C3818	F2A1E470A211	FILM	25V	47µF
C3819	ECJ2YB1H104K	CERAMIC	50V	100nF
C3820	ECJ2YB1H104K	CERAMIC	50V	100nF
C3821	ECJ2YB1H104K	CERAMIC	50V	100nF
C3822	F2A2E470A040	FILM	250V	47µF
C3823	ECQM2104KZ	FILM	250V	100nF
C3824	F2A2E470A040	FILM	250V	47µF
C3828	ECQM2104KZ	FILM	250V	100nF
C3833	F2A2E470A040	FILM	250V	47µF
C3835	ECUV1H103JCN	CERAMIC	50V	10nF
C3836	ECUV1H103JCN	CERAMIC	50V	10nF
C3837	ECUV1H103JCN	CERAMIC	50V	10nF
C3838	ECKC3D332J	CERAMIC	2KV	3.3µF
C3839	ECQM2104KZ	FILM	250V	100nF
C3841	ECJ2VF1C105Z	CERAMIC	16V	1pF
C4801	ECUV1H103JCN	CERAMIC	50V	10nF
C4802	ECA1VM470B	ELECT	35V	47µF
C4803	ECQV1H334JL3	FILM	50V	330nF
C4805	ECQB1H104J	FILM	50V	100nF
C4806	ECQB1H104J	FILM	50V	100nF
C4808	ECA1VM470B	ELECT	35V	47µF
C4815	ECA1VM470B	ELECT	35V	47µF
C4817	ECUV1H151JCX	S.M. CAP	50V	150pF
TERMINALS AND LINKS				
JK3102	TJBA093	AUDIO/VIDEO OUTPUT JACK		
JK3401	0350536400	SCART SOCKET		
JK3402	0350536400	SCART SOCKET		
JK3403	0350536400	SCART SOCKET		
JK3405	0350536400	SCART SOCKET		
JK3406	TJB8E014	RCA TERMINAL (2P)		
JK3407	TJB8E036	PIN JACK		
SWITCHES				
S791	K0D123A00060	SWITCH		
S840	ESB92S11B	SWITCH		⚠
S1003	EVQPC105K	FUNCTION SWITCH		
S1004	EVQPC105K	FUNCTION SWITCH		
S1005	EVQPC105K	FUNCTION SWITCH		
S1006	EVQPC105K	FUNCTION SWITCH		
S1007	EVQPC105K	FUNCTION SWITCH		

Cct Ref	Parts Number	Description			
RELAYS					
RL801	K6B1ADA00010	RELAY			⚠
RL802	K6B2ADA00004	RELAY			⚠

DIFFERENCES FOR MODEL TX--32PD30D

EXPLODED VIEW

17	TNPH0525AF	A P.C.B.	⚠
18	ZTBZAD550A	ANODE CABLE	⚠
19	TKUC13902	BACKCOVER	⚠
20	W76LXK085X01	C.R.T. (FINE PITCH)	⚠
21	TKYA21102	CABINET	⚠
22	TMX8E071	CHASSIS FRAME	⚠
23	TNPH0526AC	D P.C.B.	⚠
24	TLK8E05194	DEGAUSS COIL	⚠
25	TNPA3005AD	DF P.C.B.	⚠
26	TQF8E3448	MODEL LABEL	⚠

MISCELLANEOUS COMPONENTS

.	TES2298	CRT EARTH SPRING
.	TKPA68002	SP PANEL R
.	TKPA68102	SP PANEL L
.	TKPA68603	SIDE DECORATION R
.	TKPA68703	SIDE DECORATION L
.	TKPA69306	UNDER DECORATION R
.	TKPA69406	UNDER DECORATION L
.	TLK8E05193	GEOMAGNETIC COIL
.	TPC8E5003-1	CARTON
.	TPD8E802	TOP CUSHION
.	TPD8E803	BOTTOM CUSHION
.	TPD8E804	SUB CUSHION

INSTRUCTION BOOKS

	TQB8E3936A	GERMAN	⚠
	TQB8E3936C	ITALIAN	⚠
	TQB8E3936D	FRENCH	⚠

I.C.s

IC1007	X24BR200-3BD	EAROM*

DIODES

D521	B0HAKR000004	DIODE
D522	B0HAKR000004	DIODE

RESISTORS

R533	ERG3FJS681D	METAL	3W	5%	680 Ω
R587	ERO25CKF2202	METAL	0.25W	1%	22K Ω

CAPACITORS

C851	ECQB1104JF3	FILM	100V	100nF
C2713	ECUV1H104KBX	S.M. CAP	50V	100nF

DIFFERENCES FOR MODEL TX--32PD30F

EXPLODED VIEW

17	TNPH0525AH	A P.C.B.	⚠
18	ZTBZAD550A	ANODE CABLE	⚠
19	TKUC13902	BACKCOVER	⚠
20	W76LXK085X01	C.R.T. (FINE PITCH)	⚠
21	TKYA21102	CABINET	⚠
22	TMX8E071	CHASSIS FRAME	⚠
23	TNPH0526AC	D P.C.B.	⚠
24	TLK8E05194	DEGAUSS COIL	⚠
25	TNPA3005AD	DF P.C.B.	⚠
26	TQF8E3461	MODEL LABEL	⚠

MISCELLANEOUS COMPONENTS

.	TES2298	CRT EARTH SPRING
.	TKPA68002	SP PANEL R

Cct Ref	Parts Number	Description				
.	TKPA68102	SP PANEL L				
.	TKPA68603	SIDE DECORATION R				
.	TKPA68703	SIDE DECORATION L				
.	TKPA69306	UNDER DECORATION R				
.	TKPA69406	UNDER DECORATION L				
.	TLK8E05193	GEOMAGNETIC COIL				
.	TPC8E5003-1	CARTON				
.	TPD8E802	TOP CUSHION				
.	TPD8E803	BOTTOM CUSHION				
.	TPD8E804	SUB CUSHION				
INSTRUCTION BOOKS						
	TQB8E3981AE	GERMAN/SPANISH				⚠
	TQB8E3981BD	DUTCH/FRENCH				⚠
	TQB8E3981FG	SWEDISH/NORWEGIAN				⚠
	TQB8E3981HK	FINNISH(SUOMI)/DANISH				⚠
I.C.s						
IC1007	X24BR200-2BF	EAROM *				⚠
DIODES						
D521	B0HAKR000004	DIODE				
D522	B0HAKR000004	DIODE				
RESISTORS						
R533	ERG3FJS681D	METAL	3W	5%	680 Ω	
R587	ERO25CKF2202	METAL	0.25W	1%	22K Ω	
CAPACITORS						
C851	ECQB1104JF3	FILM	100V		100nF	
C2713	ECUV1H104KBX	S.M. CAP	50V		100nF	

DIFFERENCES FOR MODEL TX--32PD30FP

EXPLODED VIEW						
17	TNPH0525AJ	A P.C.B.				⚠
18	ZTBZAD550A	ANODE CABLE				⚠
19	TKUC13902	BACKCOVER				⚠
20	W76LXK085X01	C.R.T. (FINE PITCH)				⚠
21	TKYA21102	CABINET				⚠
22	TMX8E071	CHASSIS FRAME				⚠
23	TNPH0526AC	D P.C.B.				⚠
24	TLK8E05194	DEGAUSS COIL				⚠
25	TNPA3005AD	DF P.C.B.				⚠
26	TQF8E3462	MODEL LABEL				⚠
MISCELLANEOUS COMPONENTS						
.	TES2298	CRT EARTH SPRING				
.	TKPA68002	SP PANEL R				
.	TKPA68102	SP PANEL L				
.	TKPA68603	SIDE DECORATION R				
.	TKPA68703	SIDE DECORATION L				
.	TKPA69306	UNDER DECORATION R				
.	TKPA69406	UNDER DECORATION L				
.	TLK8E05193	GEOMAGNETIC COIL				
.	TPC8E5003-1	CARTON				
.	TPD8E802	TOP CUSHION				
.	TPD8E803	BOTTOM CUSHION				
.	TPD8E804	SUB CUSHION				
INSTRUCTION BOOKS						
	TQB8E3983MN	BULGARIAN/ROMANIAN				⚠
	TQB8E3983PQ	POLISH/HUNGARIAN				⚠
	TQB8E3983RU	CZECH/ENGLISH				⚠
I.C.s						
IC1007	X24C1400-2BP	EAROM*				
DIODES						
D521	B0HAKR000004	DIODE				
D522	B0HAKR000004	DIODE				

Cct Ref	Parts Number	Description				
RESISTORS						
R533	ERG3FJS681D	METAL	3W	5%	680 Ω	
R587	ERO25CKF2202	METAL	0.25W	1%	22K Ω	
CAPACITORS						
C851	ECQB1104JF3	FILM	100V		100nF	
C2713	ECUV1H104KBX	S.M. CAP	50V		100nF	

DIFFERENCES FOR MODEL TX--36PD30D

EXPLODED VIEW						
17	TNPH0525AB	A P.C.B.				⚠
18	ZTBZAD650E	ANODE CABLE				⚠
19	TKUC13802	BACKCOVER				⚠
20	W86LXK085X01	C.R.T. (FINE PITCH)				⚠
21	TKYA21002	CABINET				⚠
22	TMX8E050	CHASSIS FRAME				
23	TNPH0526AB	D P.C.B.				⚠
24	TLK8E05192	DEGAUSS COIL				⚠
25	TNPA3005AB	DF P.C.B.				⚠
26	TQF8E3439	MODEL LABEL				⚠
MISCELLANEOUS COMPONENTS						
.	TKEA07002	FRONT PANEL				
.	TKPA67702	SP PANEL L				
.	TKPA67802	SP PANEL R				
.	TKPA68403	SIDE DECORATION				
.	TKPA68503	SIDE DECORATION				
.	TKPA69305	UNDER DECORATION				
.	TKPA69405	UNDER DECORATION				
.	TLK8E05191	GEOMAGNETIC COIL				⚠
.	TPC8E5002	CARTON				
.	TPD8E799	TOP CUSHION				
.	TPD8E800	BOTTOM CUSHION				
.	TPD8E801	SUB CUSHION				
.	TTPA0298	SP PANEL L ASSEMBLY				
INSTRUCTION BOOKS						
	TQB8E3927A	GERMAN				⚠
	TQB8E3927C	ITALIAN				⚠
	TQB8E3927D	FRENCH				⚠
I.C.s						
IC1007	X24C1400-2AD	EAROM*				
DIODES						
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
RESISTORS						
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R587	ERO25CKF1502	METAL	0.25W	1%	15K Ω	
CAPACITORS						
C851	ECQE2154JF3	FILM	200V		150nF	
C2713	ECUV1H104KBX	S.M. CAP	50V		100nF	

DIFFERENCES FOR MODEL TX--36PD30F

EXPLODED VIEW						
17	TNPH0525AD	A P.C.B.				⚠
18	ZTBZAD650E	ANODE CABLE				⚠
19	TKUC13802	BACKCOVER				⚠
20	W86LXK085X01	C.R.T. (FINE PITCH)				⚠
21	TKYA21002	CABINET				⚠
22	TMX8E050	CHASSIS FRAME				
23	TNPH0526AB	D P.C.B.				⚠
24	TLK8E05192	DEGAUSS COIL				⚠
25	TNPA3005AB	DF P.C.B.				⚠

Cct Ref	Parts Number	Description				
26	TQF8E3464	MODEL LABEL				⚠
MISCELLANEOUS COMPONENTS						
.	TKEA07002	FRONT PANEL				
.	TKPA67702	SP PANEL L				
.	TKPA67802	SP PANEL R				
.	TKPA68403	SIDE DECORATION				
.	TKPA68503	SIDE DECORATION				
.	TKPA69305	UNDER DECORATION				
.	TKPA69405	UNDER DECORATION				
.	TLK8E05191	GEOMAGNETIC COIL				⚠
.	TPC8E5002	CARTON				
.	TPD8E799	TOP CUSHION				
.	TPD8E800	BOTTOM CUSHION				
.	TPD8E801	SUB CUSHION				
.	TTPA0298	SP PANEL L ASSEMBLY				
INSTRUCTION BOOKS						
	TQB8E3987AE	GERMAN/SPANISH				⚠
	TQB8E3987BD	DUTCH/FRENCH				⚠
	TQB8E3987FG	SWEDISH/NORWEGIAN				⚠
	TQB8E3987HK	FINNISH(SUOMI)/DANISH				⚠
I.C.s						
IC1007	X24C1400-2AF	EAROM*				
DIODES						
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
RESISTORS						
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R587	ERO25CKF1502	METAL	0.25W	1%	15K Ω	
CAPACITORS						
C851	ECQE2154JF3	FILM	200V		150nF	
C2713	ECUV1H104KBX	S.M. CAP	50V		100nF	

DIFFERENCES FOR MODEL TX--36PD30FP

EXPLODED VIEW

17	TNPH0525AE	A P.C.B.	⚠
18	ZTBZAD650E	ANODE CABLE	⚠
19	TKUC13802	BACKCOVER	⚠
20	W86LXK085X01	C.R.T. (FINE PITCH)	⚠
21	TKYA21002	CABINET	⚠
22	TMX8E050	CHASSIS FRAME	
23	TNPH0526AB	D P.C.B.	⚠
24	TLK8E05192	DEGAUSS COIL	⚠
25	TNPA3005AB	DF P.C.B.	⚠
26	TQF8E3463	MODEL LABEL	⚠
MISCELLANEOUS COMPONENTS			
.	TKEA07002	FRONT PANEL	
.	TKPA67702	SP PANEL L	
.	TKPA67802	SP PANEL R	
.	TKPA68403	SIDE DECORATION	
.	TKPA68503	SIDE DECORATION	
.	TKPA69305	UNDER DECORATION	
.	TKPA69405	UNDER DECORATION	
.	TLK8E05191	GEOMAGNETIC COIL	⚠
.	TPC8E5002	CARTON	
.	TPD8E799	TOP CUSHION	
.	TPD8E800	BOTTOM CUSHION	
.	TPD8E801	SUB CUSHION	
.	TTPA0298	SP PANEL L ASSEMBLY	
INSTRUCTION BOOKS			
	TQB8E3985MN	BULGARIAN/ROMANIAN	⚠
	TQB8E3985PQ	POLISH/HUNGARIAN	⚠
	TQB8E3985RU	CZECH/ENGLISH	⚠

Cct Ref	Parts Number	Description				
I.C.s						
IC1007	X24C1400-1AP	EAROM*				
DIODES						
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
RESISTORS						
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R587	ERO25CKF1502	METAL	0.25W	1%	15K Ω	
CAPACITORS						
C851	ECQE2154JF3	FILM	200V		150nF	

SCHEMATIC DIAGRAMS FOR MODELS

TX-32/36PD30D
TX-32/36PD30F
TX-32/36PD30F/P

(GP1 CHASSIS)

IMPORTANT SAFETY NOTICE
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

NOTE

1. RESISTOR
   All resistors are carbon ¼W resistor, unless marked otherwise.
   Unit of resistance is OHM (Ω) (K=1,000, M=1,000,000)
2. CAPACITORS
   All capacitors are ceramic 50V unless marked otherwise.
   Unit of capacitance is μF unless otherwise stated.
3. COIL
   Unit of inductance is μH, unless otherwise stated.
4. TEST POINT
   Test Point Position
5. EARTH SYMBOL
   Chassis Earth (Cold)
   Line Earth (Hot)
6. VOLTAGE MEASUREMENT
   Voltage is measured by a d.c. voltmeter.
   Measurement conditions are as follows:

Power source	a.c. 220V-240V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer controls	Maximum position

7.
   Indicates the Video signal path
   Indicates the Audio signal path

These schematic diagrams are the latest at time of printing and are subject to change without notice.

REMARKS

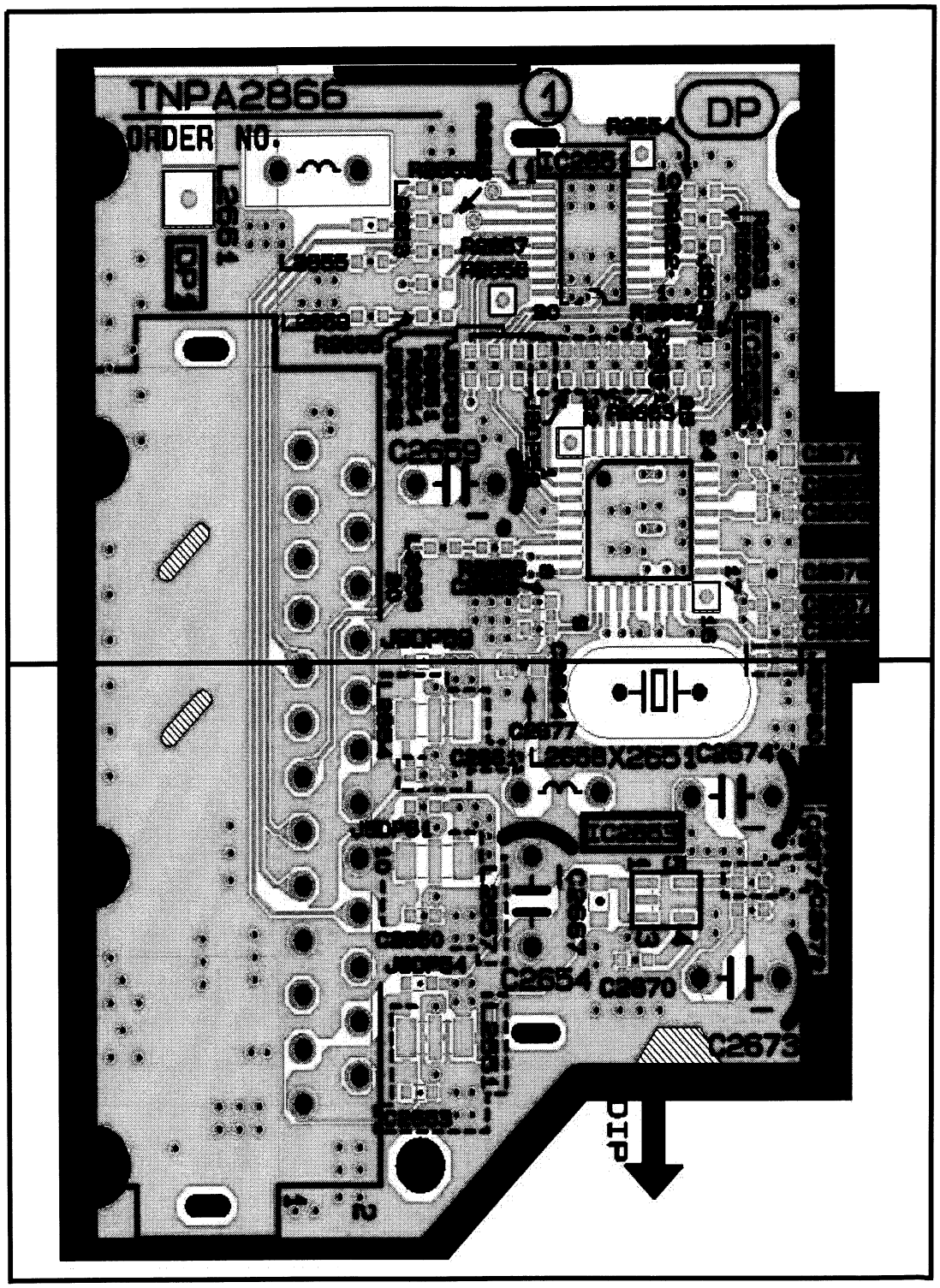
a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
b. Do not short circuit the hot and cold circuits as electrical components may be damaged.
c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
d. Make sure to disconnect the power plug before removing the chassis.

NOTE

1. The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

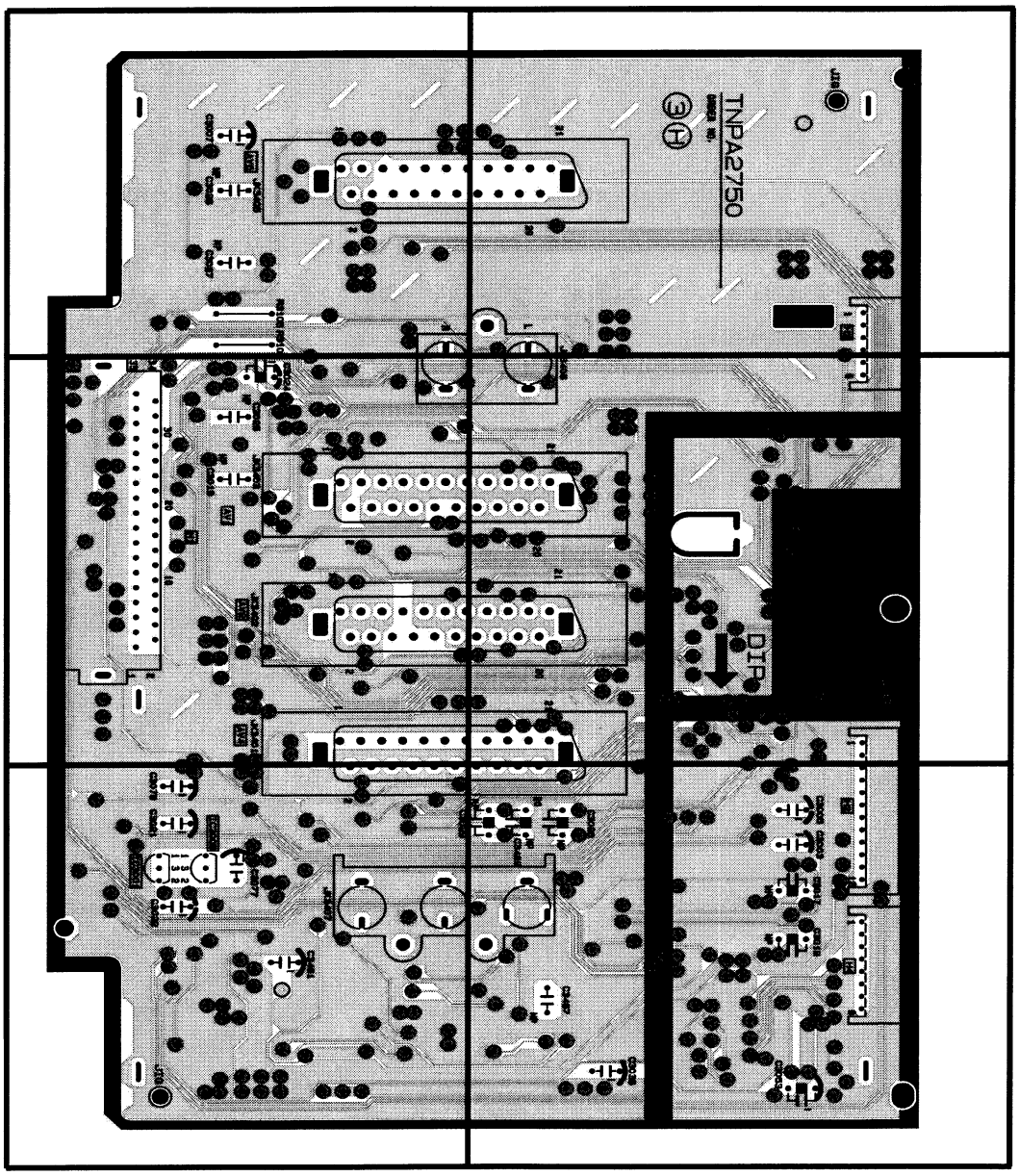
TNPA2866 – DP - BOARD

I.C.'s	
IC2651	A2
IC2652	A2
IC2653	A1



TNPA2750 – H- BOARD

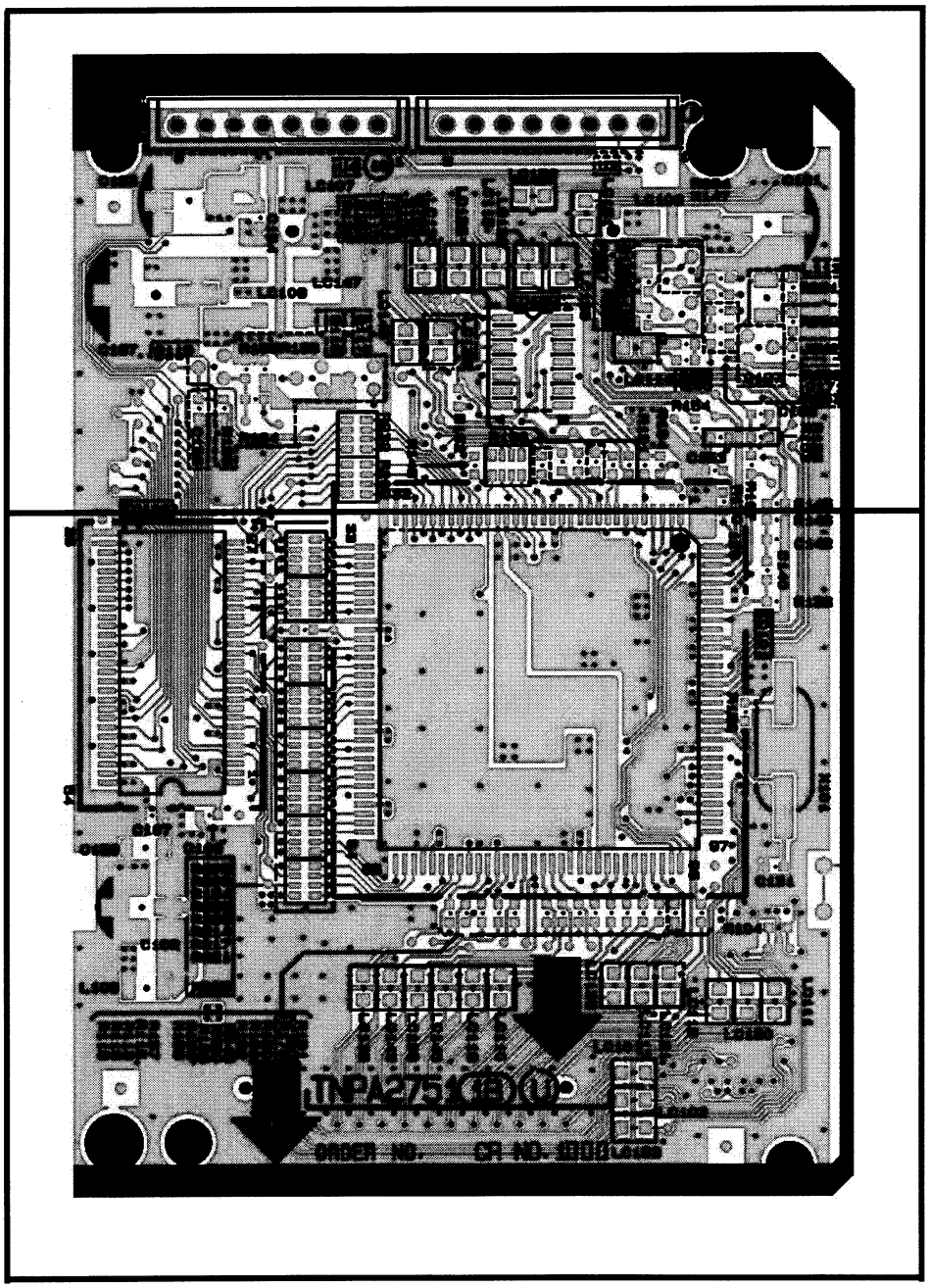
I.C.'s	
IC3001	A1
IC3002	A1



TNPA2751 – U - BOARD

I.C.'s		Q1118	A2
IC1101	A1	Q1119	A2
IC1108	A1	Q1125	A2
IC1109	A2	Q1126	A2
TRANSISTORS		Q1127	A2
Q1117	A2		

2

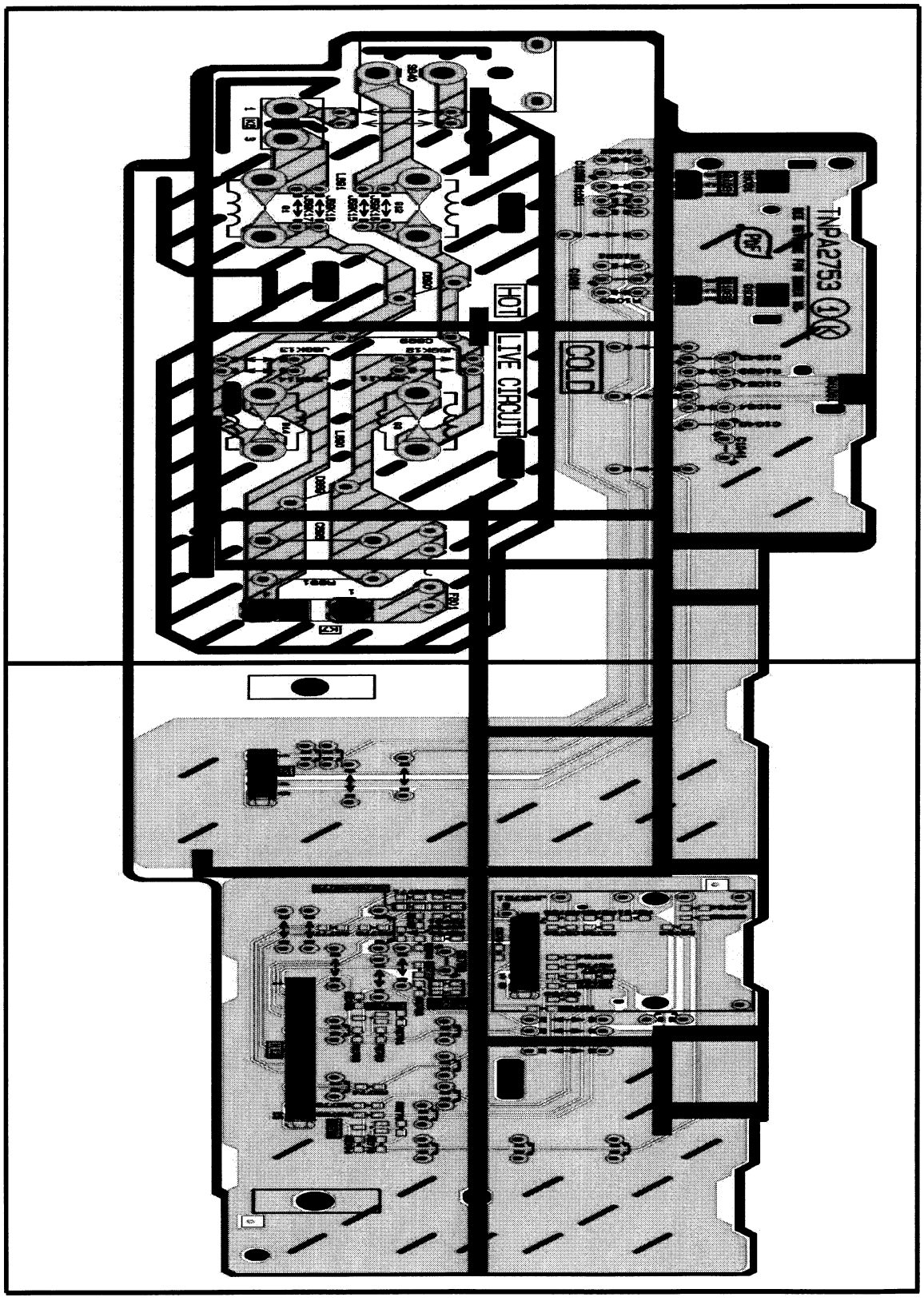


1

A

TNPA2753 – K - BOARD

DIODES		D1060	A2	Q1081	A2
D889	A2	I.C.'s		Q1082	A2
D890	A2	RM1001	A2	Q5751	A1
D1051	A2	TRANSISTORS		Q5752	A1



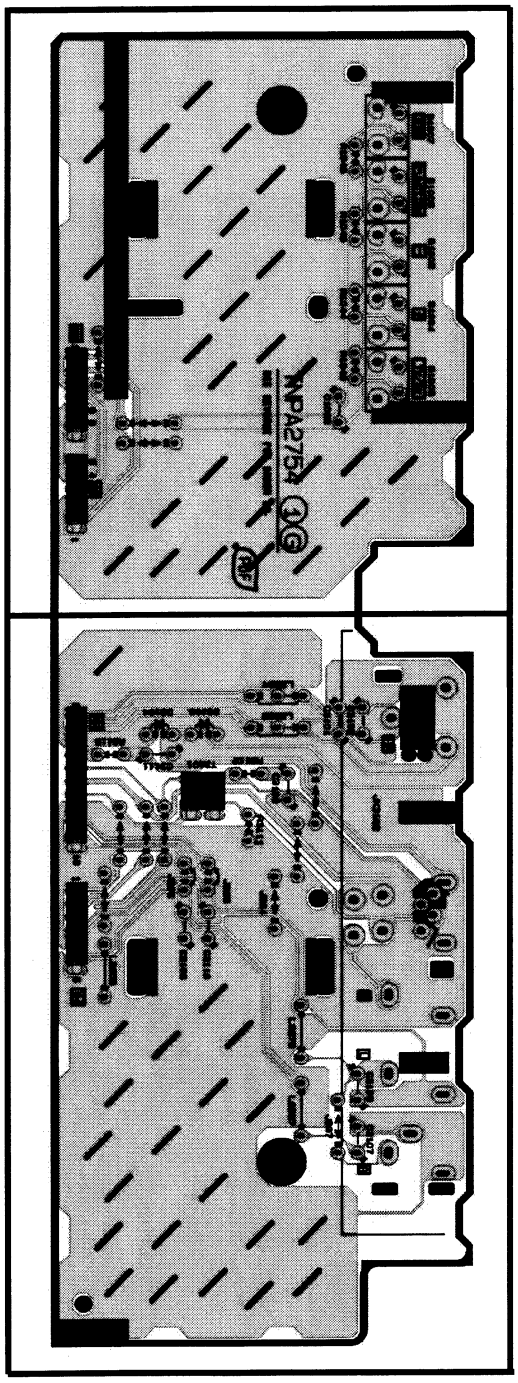
2

1

A

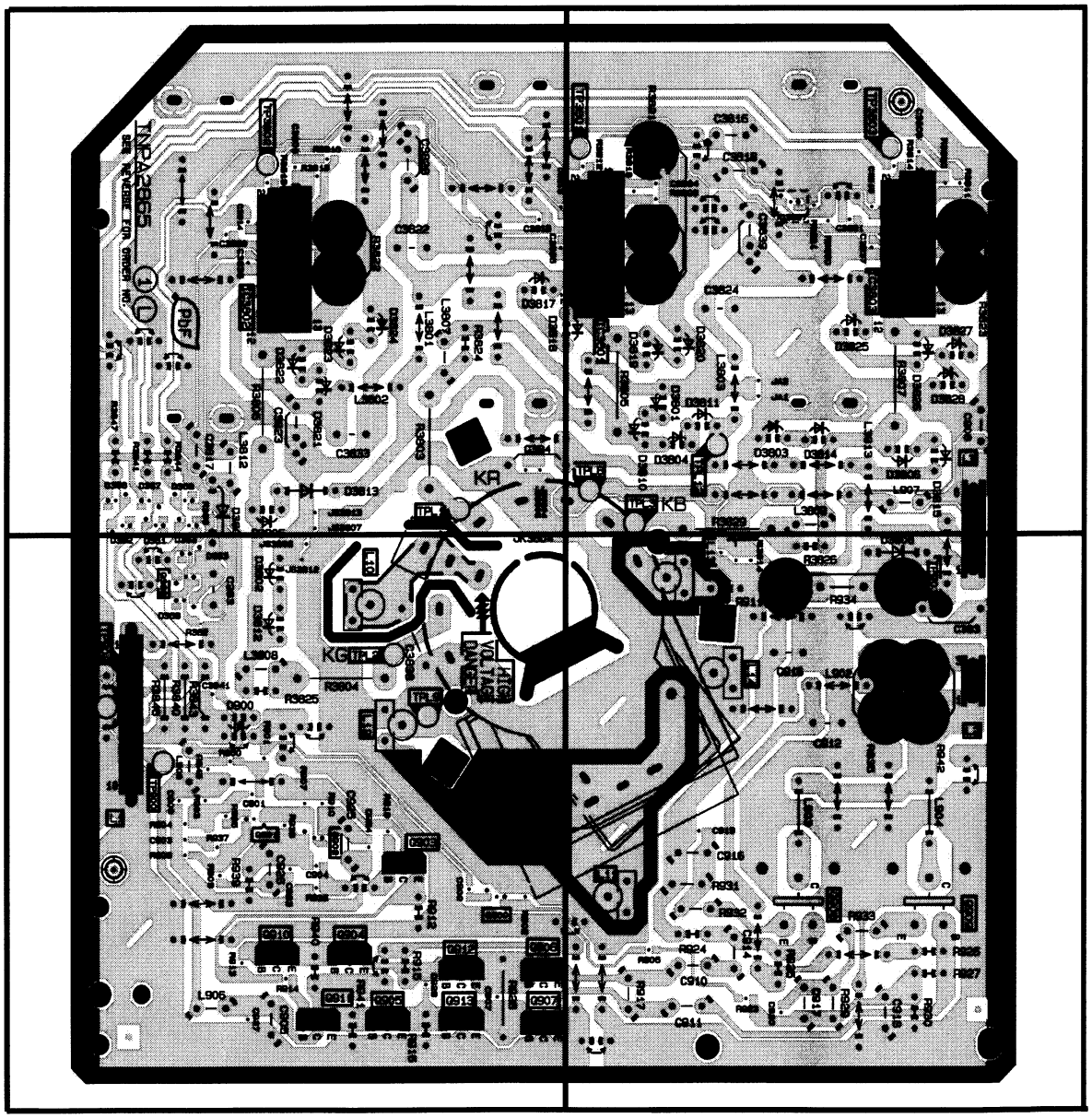
TNPA2754 – G - BOARD

DIODES	
D3103	A1
D3104	A1



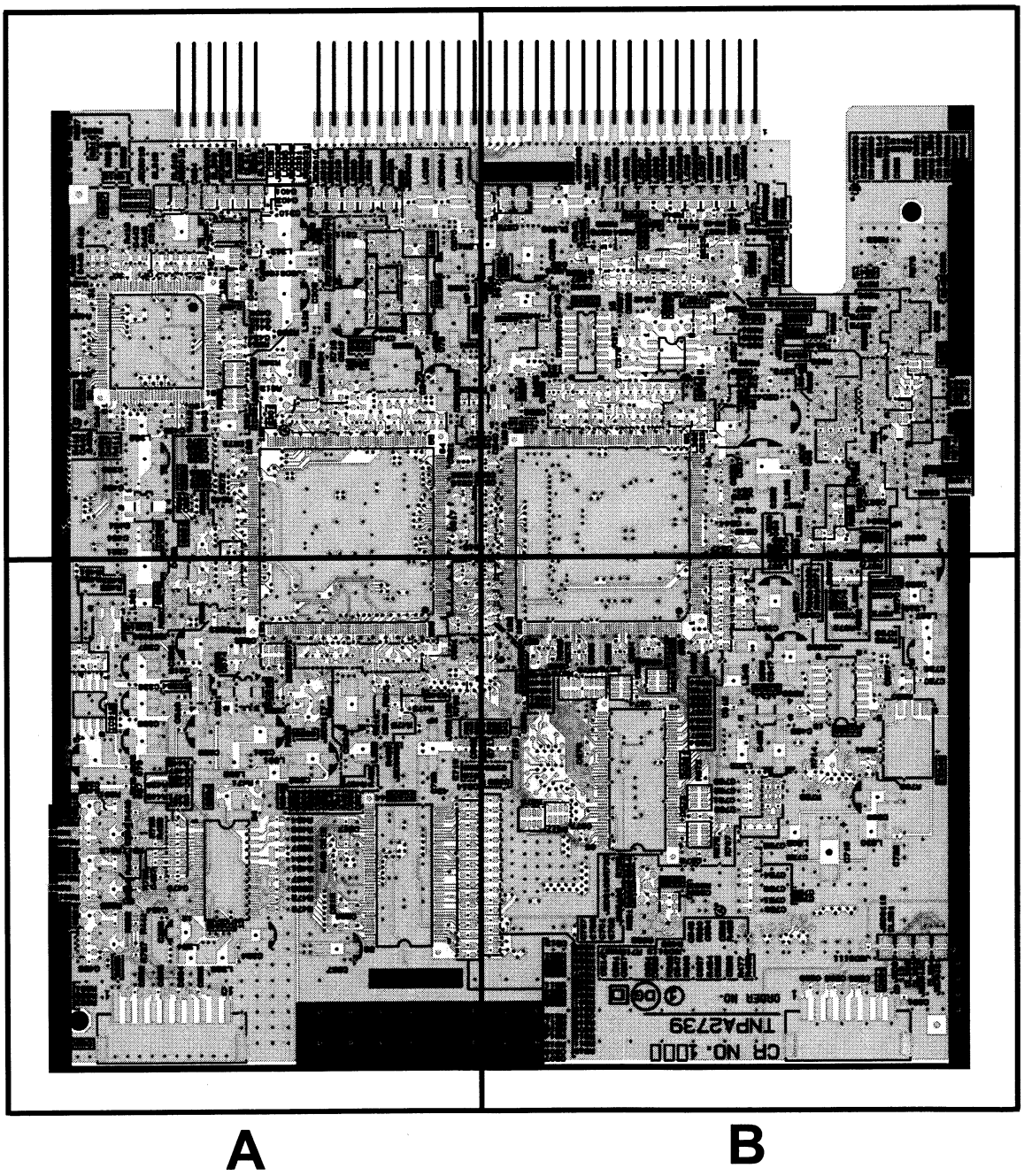
TNPA2865 – L - BOARD

DIODES		D3806	B2	D3825	B2	Q910	A1
D353	A1	D3807	B2	D3826	B2	Q911	A1
D358	A1	D3810	B2	D3827	B2	Q912	A1
D360	A2	D3811	B2	D3828	B2	Q913	A1
D361	A2	D3812	A1	TRANSISTORS		TEST POINTS	
D362	A2	D3813	A2	Q369	A1	TPL1	A2
D363	A2	D3814	B2	Q900	A1	TPL2	A1
D367	A2	D3815	B2	Q901	A1	TPL3	B2
D368	A2	D3817	A2	Q902	A1	TPL8	B2
D369	A2	D3818	A2	Q903	A1	TPL9	A1
D900	A1	D3819	B2	Q904	A1	TPL12	B2
D3801	B2	D3820	B2	Q905	A1	I.C.'s	
D3802	A1	D3821	A2	Q906	A1	IC3801	B2
D3803	B2	D3822	A2	Q907	A1	IC3802	A2
D3804	B2	D3823	A2	Q908	B1	IC3803	B2
D3805	A2	D3824	A2	Q909	B1		



TNPA2739 – DG - BOARD

I.C.'s.		IC1326	A2	Q1311	A2	Q1364	A1	Q1850	B2
IC1301	A2	IC1332	A2	Q1312	A2	Q1365	A1	Q1851	B2
IC1302	B1	IC1333	A2	Q1315	A2	Q1831	B2	Q1852	B2
IC1304	A2	IC1334	A1	Q1316	A2	Q1832	B2	Q1855	B2
IC1305	B2	IC1337	B2	Q1319	A1	Q1833	B2	Q1856	B2
IC1306	B1	IC1340	B1	Q1320	A1	Q1836	B2	Q1858	B2
IC1308	A1	IC1854	B1	Q1321	A1	Q1838	B2	Q1859	B2
IC1309	A1	IC1855	B2	Q1324	A1	Q1842	B2	Q1860	A2
IC1312	A1	IC1856	B2	Q1345	A1	Q1844	B2	Q1861	A2
IC1315	A1	**TRANSISTORS**		Q1346	A1	Q1845	B2	Q1862	A1
IC1319	B2	Q1301	A2	Q1354	A1	Q1847	B2	Q1863	B1
IC1320	B1	Q1305	A2	Q1355	A2	Q1848	B2	Q1864	B1
IC1321	B1	Q1310	B2	Q1358	A1	Q1849	B2	Q1865	B1



TNPA2750 ⚠
H-PCB

IC3006
C1BB00000712
NJM2521M (TE1)

IC3007
C1BB00000712
NJM2521M (TE1)

IC3003
C1AB00000459

IC3402
C1AB00000948
NJM2286M

IC3001
NJM78L09-TA

JK3401
JK3402
JK3403
JK3405
JK3406
TJB8E014

H1
G4
H3

Q3016 BC847B
Q3014 BC847B
Q3013 BC847B
Q3412 BC847B
Q3418 BC847B
Q3007 BC847B
Q3008 BC847B
Q3009 BC847B
Q3017 BC847B
Q3001 2SB0709A0L MSB709
Q3002 2SB0709A0L MSB709
Q3408 BC847B
Q3005 BC847B
Q3006 BC847B
Q3413 BC847B
Q3003 2SB0709A0L MSB709
Q3004 2SB0709A0L MSB709
Q3410 BC847B
Q3411 BC847B
Q3406 BC847B
Q3405 BC847B

D3004 MA231100LL
D3402 MAZ31200ML
D3401 MAZ31200ML
D3001 MAZ30680ML
D3406 MAZ31200ML
D3403 MAZ31200ML

T3001 G0BYYY000015

JSH011
JSH004
JSH006
JSH005

AV4
AV2
AV5
AV1

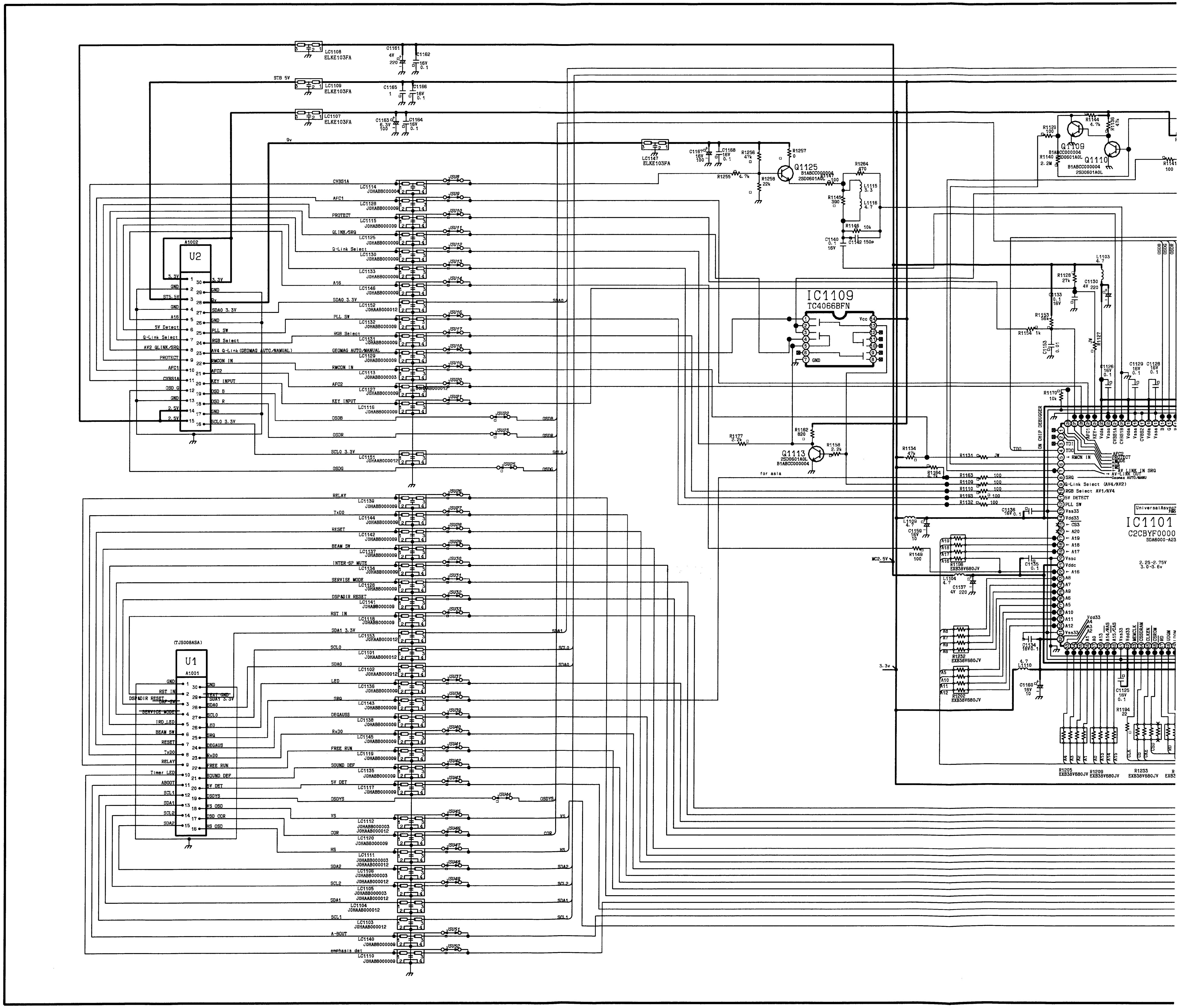
GND (PLUG)
VIDEO IN
VIDEO OUT
GND (BLK)
GND (VIDEO)
Chroma in
GND
GND
GND
AV1 SLOW
L IN
GND (AUDIO)
TV L OUT
R IN
TV R OUT
GND (GREEN)
BLUE IN
GND (BLUE)
TV L OUT
R IN
TV R OUT
RED IN
GND (RED)
GREEN IN
FB IN
TV R OUT
GND (DATA)
SDA3
SCL3
GND (AUDIO)

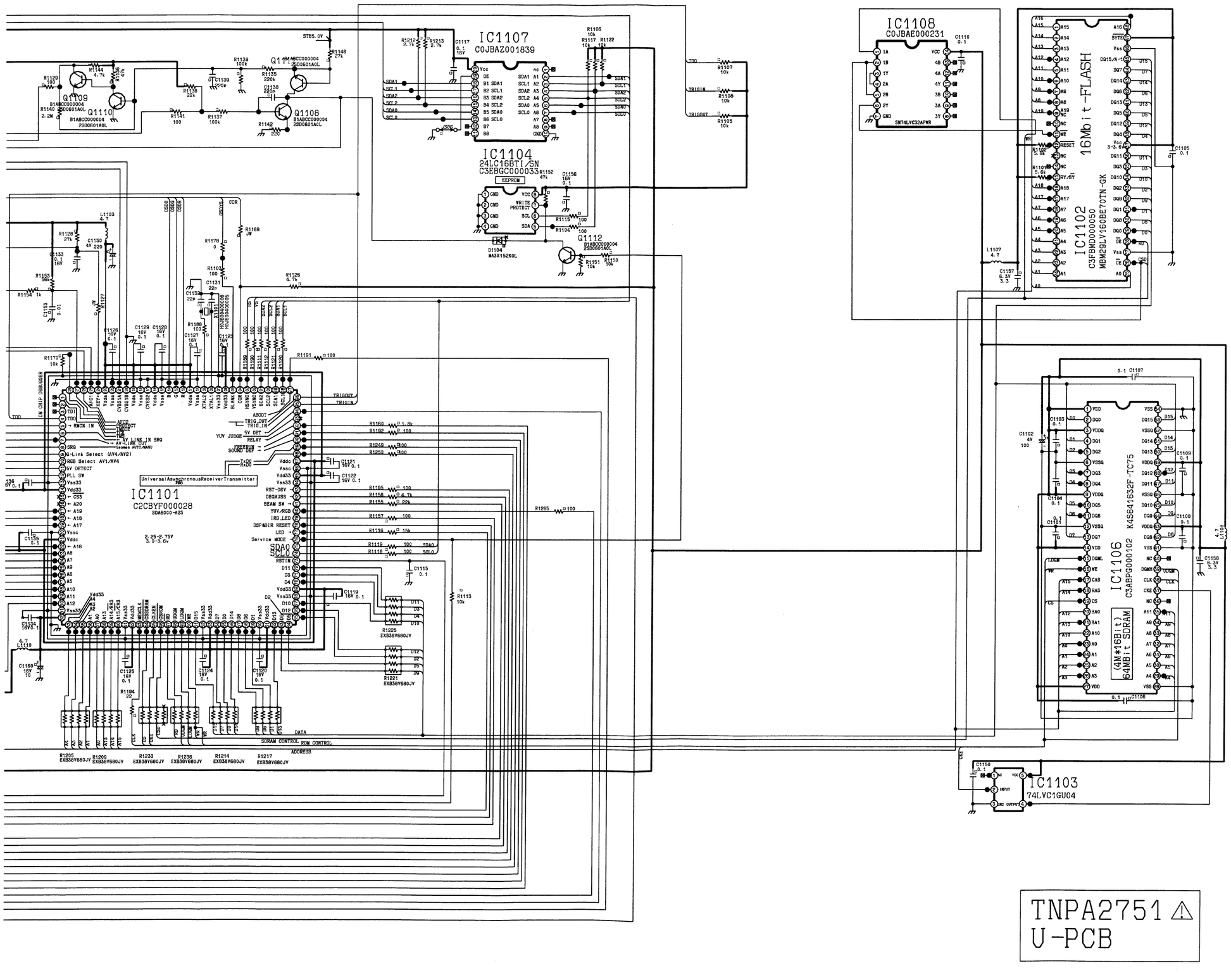
CTL
GND
CTL Vcc
GND

Sub_Y
Sub_C
Main C
Main Y
SDA
SCL
Main L
Main R

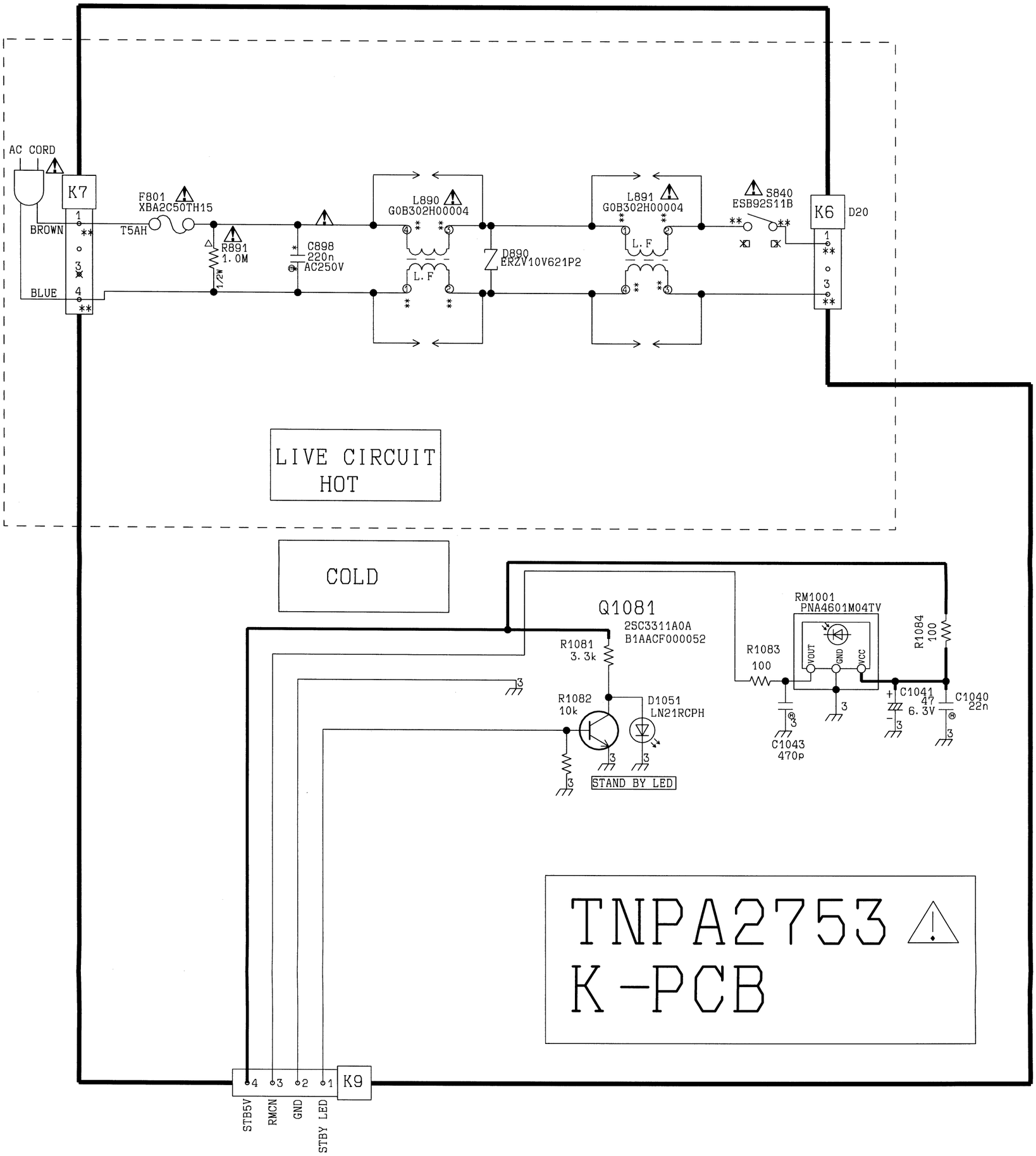
Sub out Y/G
Sub out C/Pb/B
Sub out Pr/R
GND
Main out C/Pb/B
GND
Main out Pr/R
Main out Y/G
GND
12V
GND
GND
SDA0
SCL0
AV4 Q-Link
AV3_L
AV3_R
Q-Link Select
Sub Tuner Video
AV2 Q-Link
GND
RGB Sel (AV/IRD)
Main Tuner Video
TV L IN
GND
TV R IN
Mute
MONITOR L OUT
MAIN L OUT
MONITOR R OUT
MAIN R OUT
RGB Sel (AV1/4)
GND
GND
YUV control

RGB Sel AV4/AV1
RGB Sel AV/IRD
Q-Link Sel AV4/AV2
YUV judge YC.RGB/YUV


U2
A1002
U1
A1001
(TJS008ASA)
IC1109
TC4066BFN
IC1101
C2CBYF0000
SDA6000-A23
Q1125
Q1113
Q1109
Q1110
STB 5V
9v
MC2.5V
3.3v
for asia
ON CHIP DEBUGGER
2.25-2.75V
3.0-3.6v



TNPA2751 ⚠
U-PCB


AC CORD
K7
BROWN
BLUE
T5AH
F801
XBA2C50TH15
R891
1.0M
1/2W
C898
220n
AC250V
L890
G0B302H00004
L891
G0B302H00004
L.F
L.F
D890
ERZV10V621P2
S840
ESB92S11B
K6
D20
LIVE CIRCUIT
HOT
COLD
Q1081
2SC3311A0A
B1AACF000052
R1081
3.3k
R1082
10k
D1051
LN21RCPH
STAND BY LED
RM1001
PNA4601M04TV
VOUT
GND
VCC
R1083
100
R1084
100
C1041
47
6.3V
C1040
22n
C1043
470p
TNPA2753
K-PCB
K9
4
3
2
1
STB5V
RMCN
GND
STBY LED

TNPA2754 ⚠
G-PCB

AV3

JK3102
TJBA093

R L V C Y

R-SW R R-G L L-G V V-G C-G C-SW C Y-SW Y Y-G G G 10 11 8 9 6 7 3 2 1 5 4

L R G

C3107 560p
C3109 560p
C3102 0.01
C3101 0.01

L2527 EXCELSA35 J0JYA0000010
L2278 EXCELSA35 J0JYA0000010
L2524 6.8
L2523 6.8
L2255 EXCELSA35
C3111 0.01
R3116 10k

R (AV3)
L (AV3)
V/Y
C

T3101
G0BYYYY00016

AV3V (Y)
GND (AV3)
AV3C

D3103 MA2C165001VT B0AAED000003
D3104 MA2C165001VT B0AAED000003

R1043 6.8k
R1044 12k
R1045 22k
R1046 68k

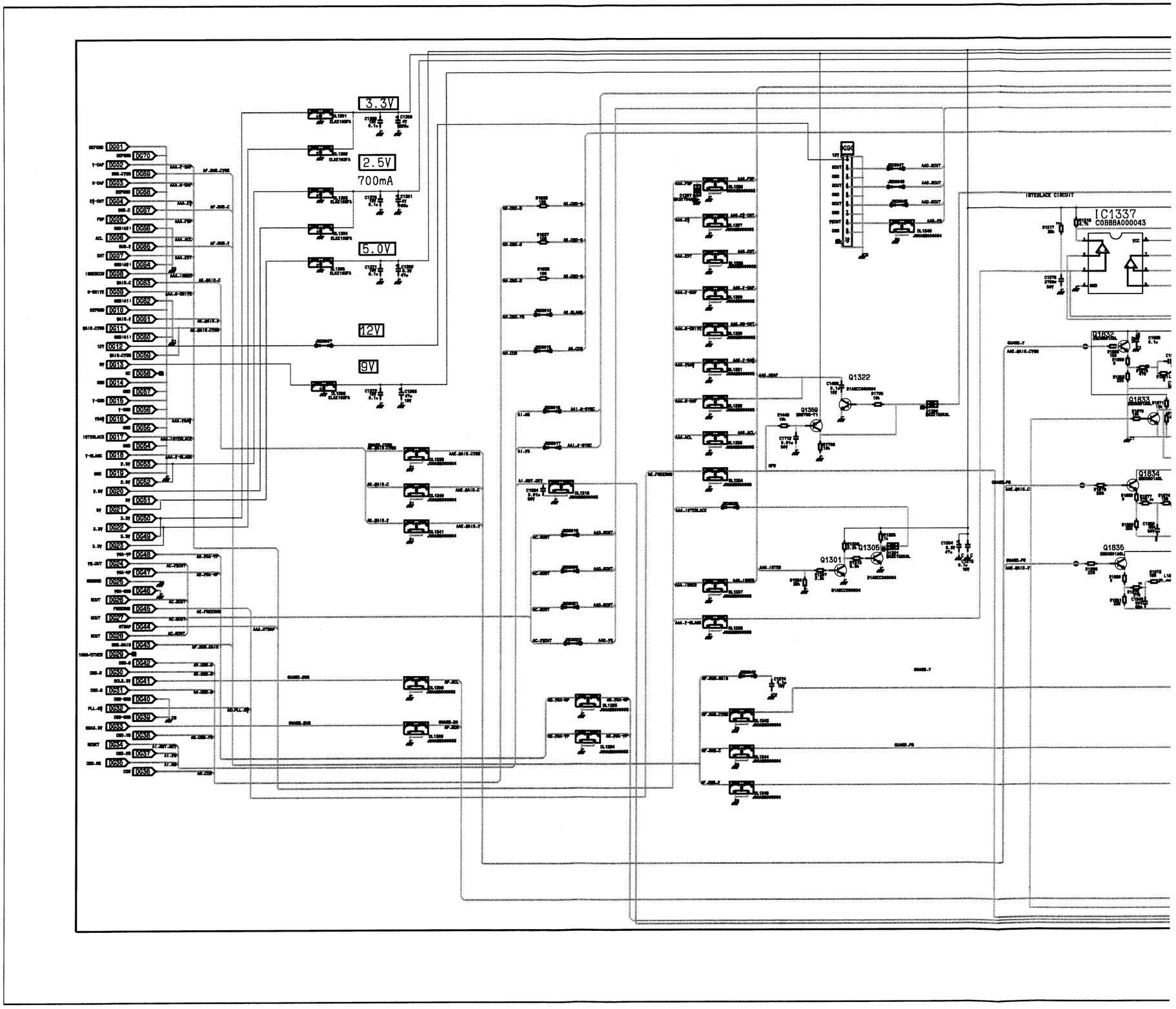
EVQPC105K S1003 TV/AV
EVQPC105K S1004 +
EVQPC105K S1005 −
EVQPC105K S1006 FUNCTION
EVQPC105K S1007 STR

G4 H3 1 2 3 4 5 6
L (AV3) GND (AV3) R (AV3)

G2 A7 10 9 8 7 6 5 4 3 2 1
R (AV3) L (AV3) GND (AV3) V/Y (AV3) GND (AV3) C (AV3) S1 (AV3) GND HP R HP L HP

G9 A6 5 4 3 2 1
STB5V RMCN GND KEY SCAN LED

G8 K9 1 2 3 4
LED GND RMCN STB5V


3.3V
2.5V
700mA
5.0V
12V
9V
INTERLACE CIRCUIT
IC1337
C0BBBA0000043
Q1322
Q1369
Q1301
Q1306
Q1832
Q1833
Q1834
Q1835

INTERLACE CIRCUIT

IC1337
C0BBBA000043

Q1310

IC1855
C0JBAS000061

Q1832
Q1833
Q1838
Q1340
Q1363
Q1836
Q1834
Q1839
Q1635
Q1840

IC1332
C0CBCBD00006
PQ1X331M2ZP

IC1333
C0CBCBD00006
PQ1X331M2ZP

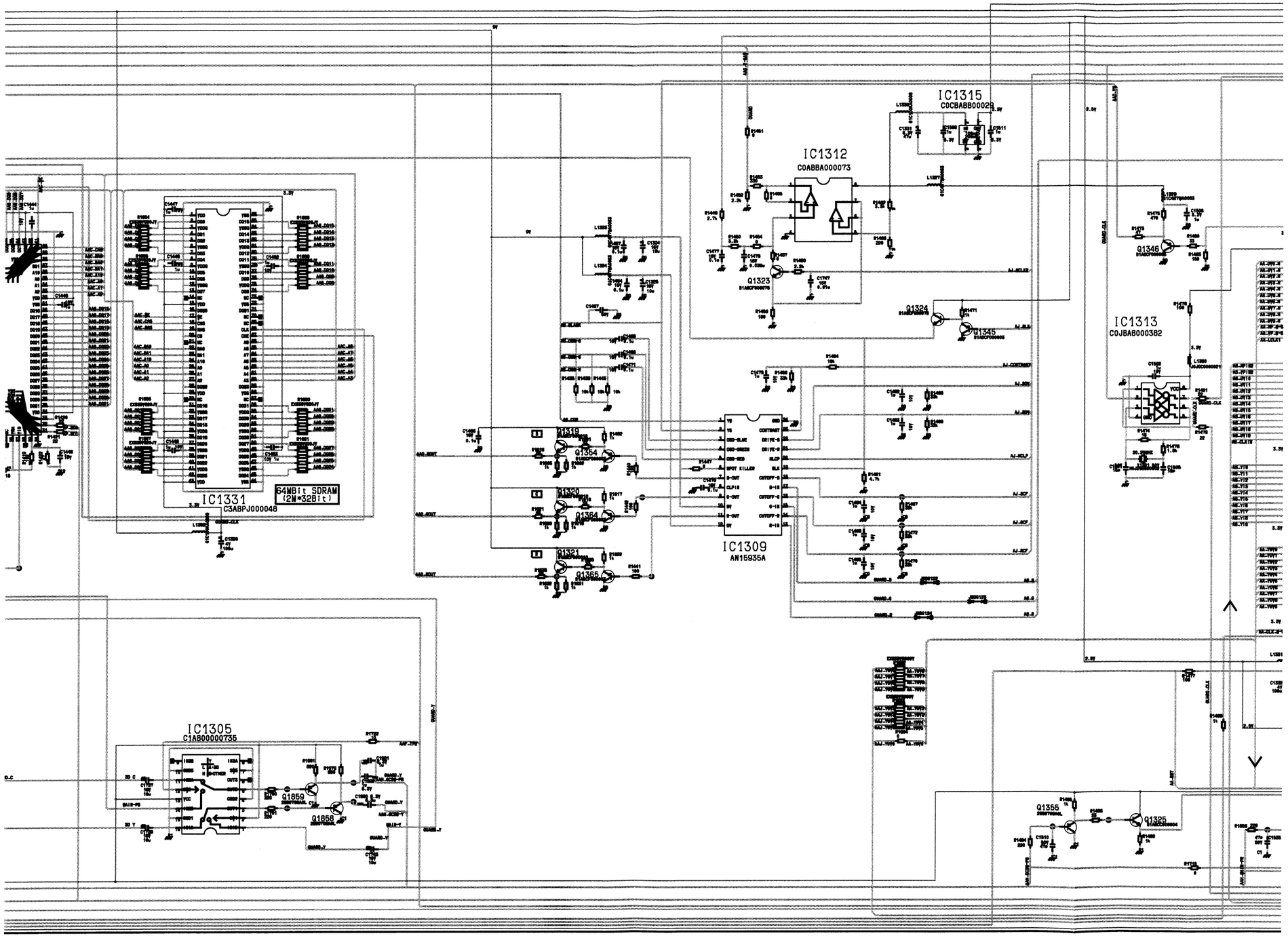
GC2P
IC1304
C1AB00001707
3D COMB
SLV[B2]

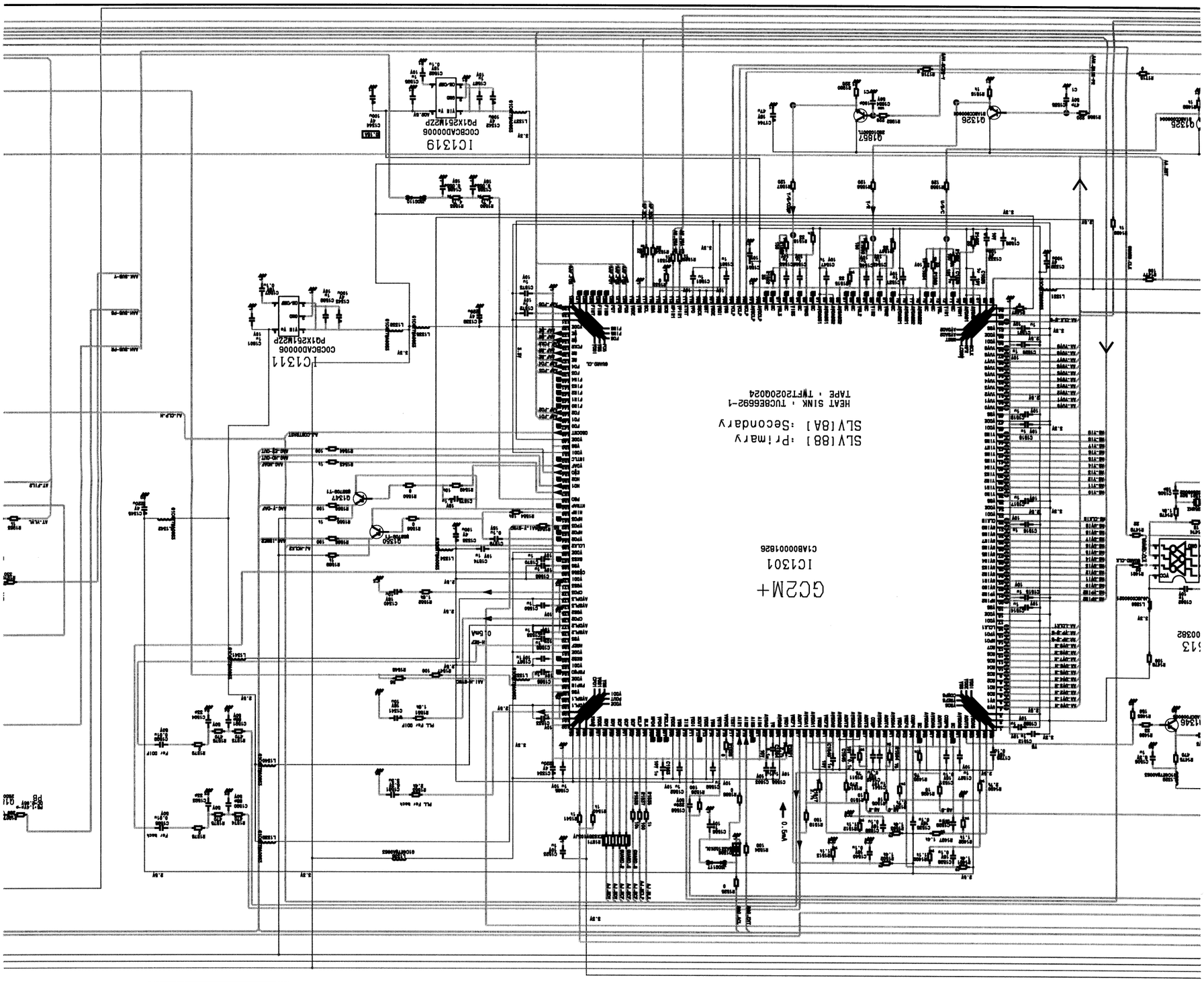
Q1837

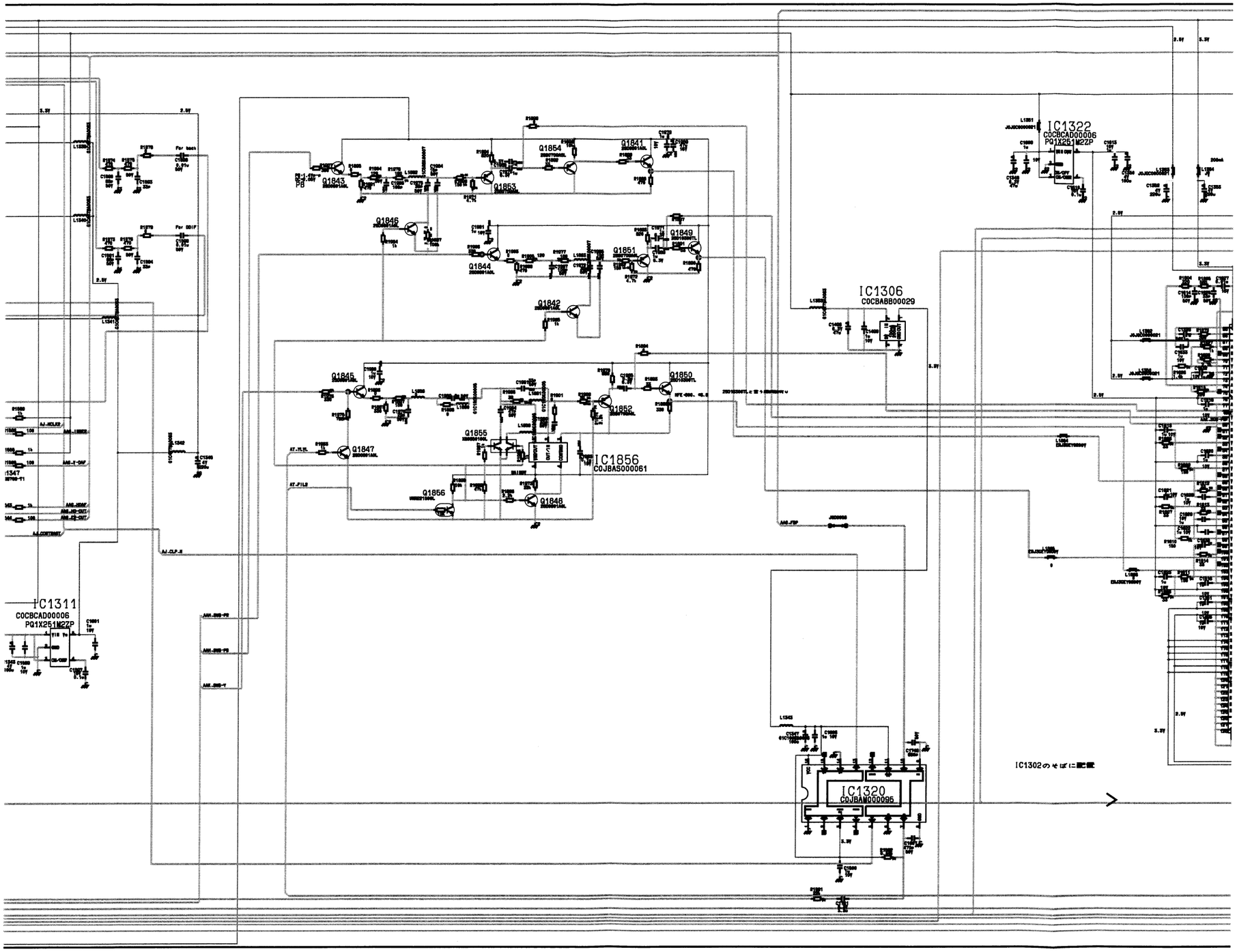
IC1331
C3ABPJ000

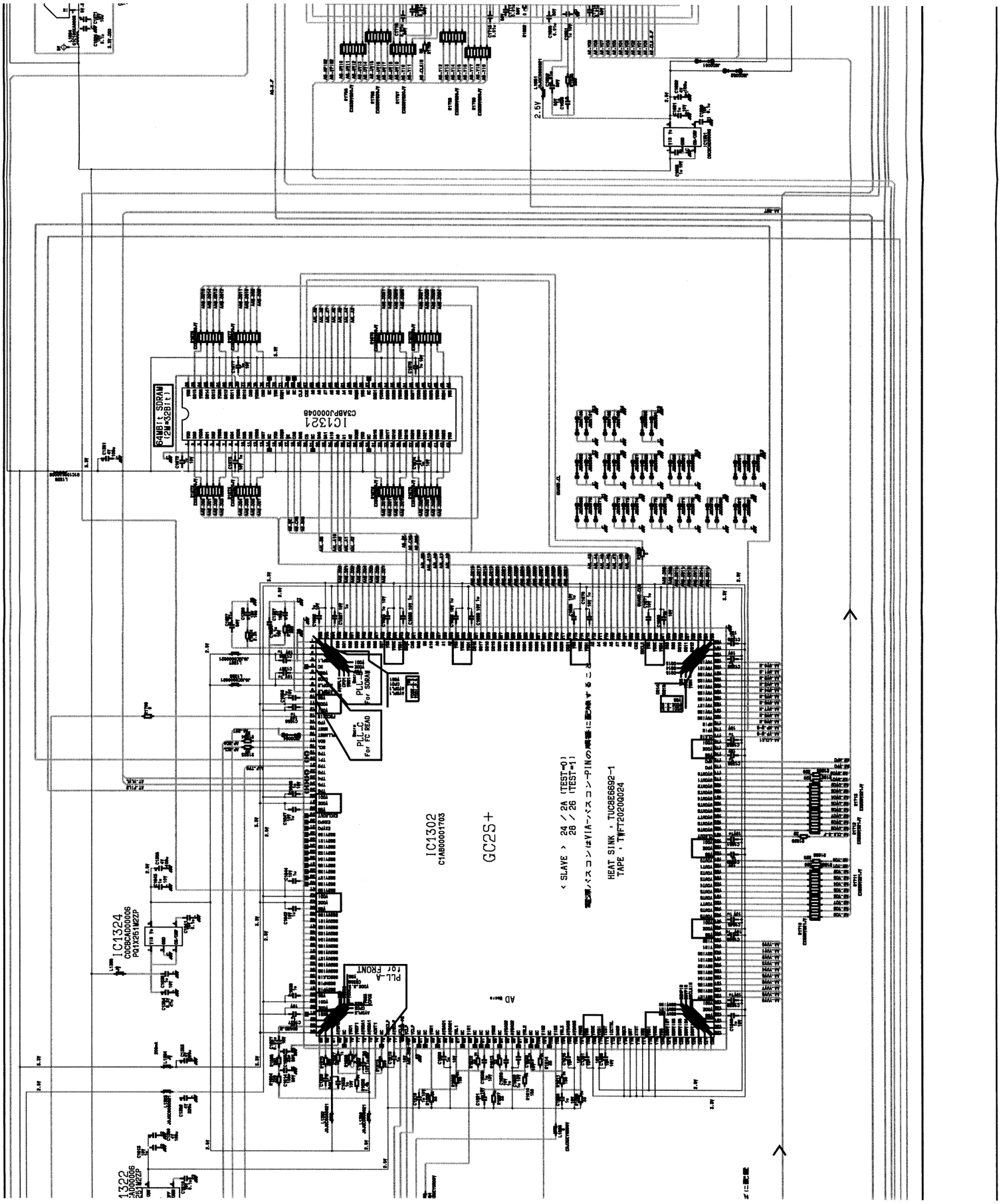
Q1312
Q1316
Q1343
Q1315
Q1311
Q1342

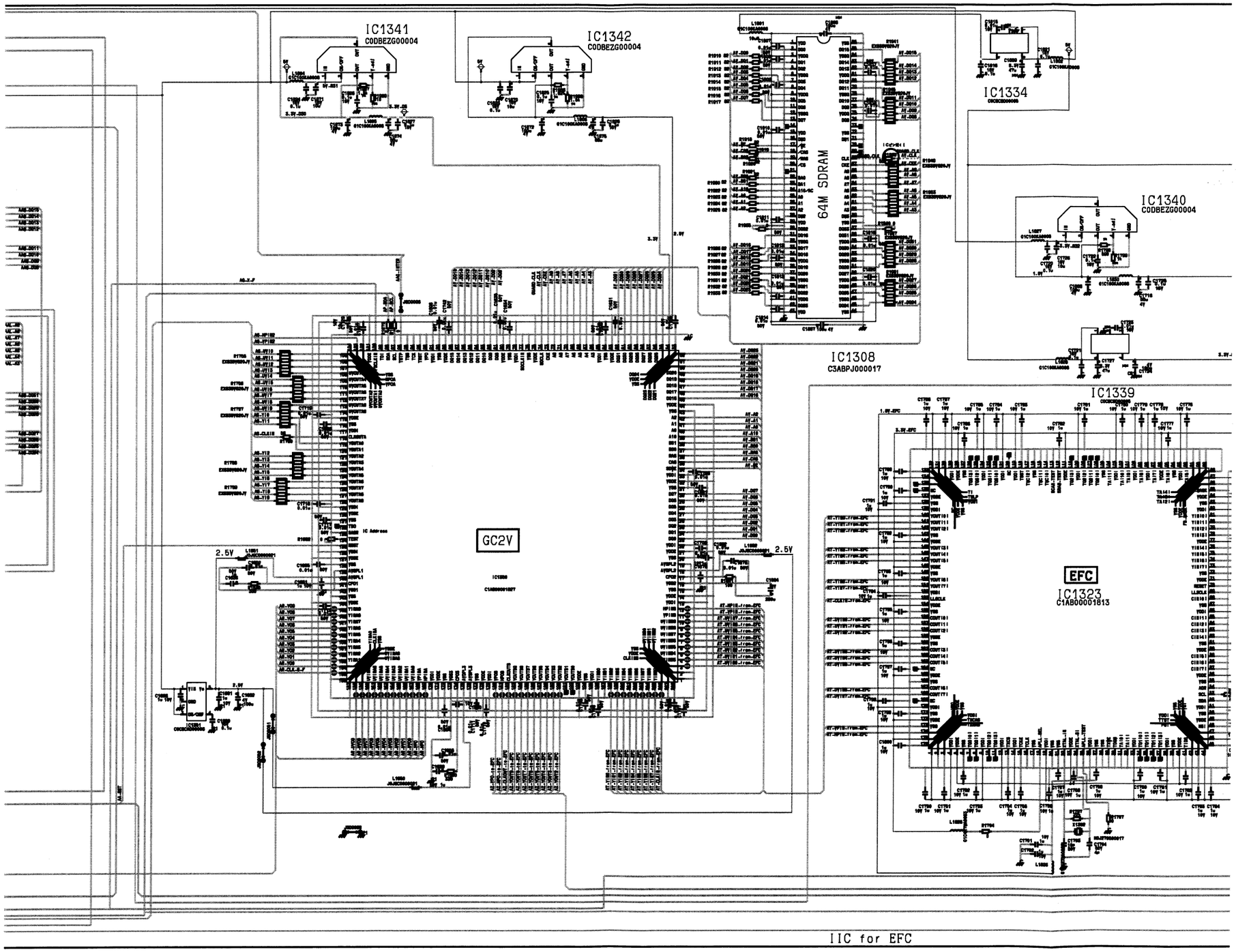
IC1305
C1AB00000735


IC1315
C0CBABB00029
IC1312
C0ABBA000073
Q1323
Q1324
Q1345
Q1346
IC1313
C0JBAB000382
IC1331
C3ABPJ000048
64MBit SDRAM
(2M*32Bit)
Q1319
Q1354
Q1320
Q1364
Q1321
Q1365
IC1309
AN15935A
IC1305
C1AB00000735
Q1869
Q1868
Q1355
Q1325

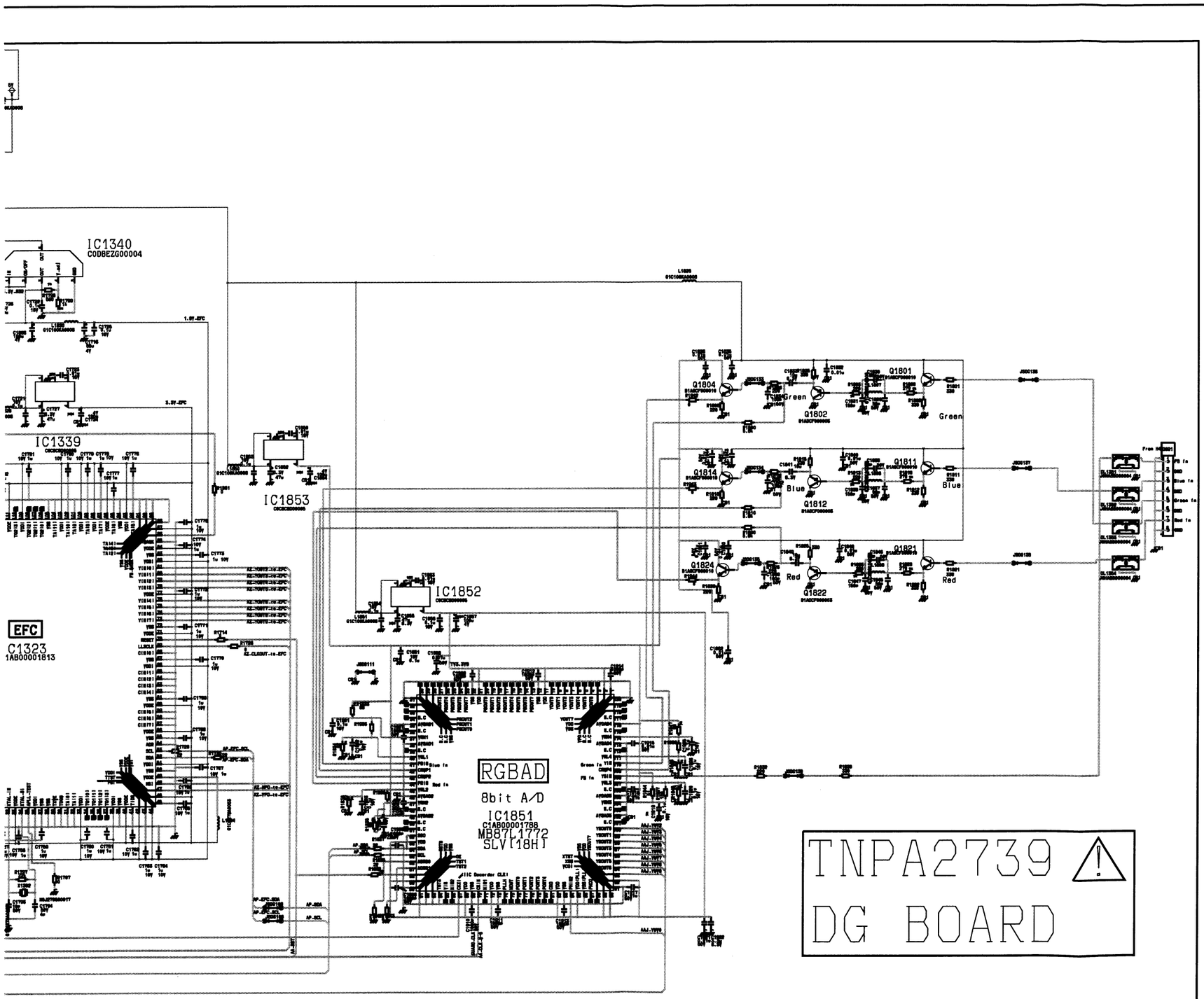

GC2M+
IC1301
C14B000018Z6
SLV(8B) :Primary
SLV(8A) :Secondary
HEAT SINK : TUCB6692-1
TAPE : TWFT20200Z4
IC1319
COCBCADD0006
P01X251M2ZP
IC1311
COCBCADD0006
P01X251M2ZP
0.5mA


IC1322
C0CBCAD00006
PQ1X251M2ZP
IC1306
C0CBABB00029
Q1841
Q1842
Q1843
Q1844
Q1845
Q1846
Q1847
Q1848
Q1849
Q1850
Q1851
Q1852
Q1853
Q1854
Q1855
Q1856
IC1856
C0JBAS000061
IC1311
C0CBCAD00006
PQ1X251M2ZP
IC1320
C0JBAM000095
IC1302のそばに配置


IC1321
C3ABPJ0000048
64MBit SDRAM
(2M*32Bit)
IC1302
C1AB00001703
GC2S+
PLL-C
For FC READ
PLL-B
For SDRAM
PLL-A
for FRONT
IC1324
C0CB6AD00006
PQ1X261M2ZP
1322
AD00006
261M2ZP
HEAT SINK : TUCB66692-1
TAPE : TWFT20200024
2.5V
3.3V


IC1341
C0DBEZG00004
IC1342
C0DBEZG00004
IC1334
IC1340
C0DBEZG00004
64M SDRAM
IC1308
C3ABPJ000017
IC1339
GC2V
EFC
IC1323
C1AB000001813
2.5V
2.5V

IIC for EFC


IC1340
C0DBEZG00004
IC1339
IC1853
IC1852
EFC
C1323
1AB00001813
RGBAD
8bit A/D
IC1851
C1AB00001788
MB87L1772
SLV[18HT
Q1804
Green
Q1802
Q1801
Green
Q1814
Blue
Q1812
Q1811
Blue
Q1824
Red
Q1822
Q1821
Red
TNPA2739
DG BOARD

RED

GREEN

BLUE

C1AA00000602 IC3801 TDA6120Q.N2

C1AA00000602 IC3802 TDA6120Q.N2

C1AA00000602 IC3803 TDA6120Q.N2

TP3801 RED

TP3802 GREEN

TP3803 BLUE

TP900

L1

12V
B
GND
R
GND
G
GND
VM
GND
GND

D900 MAZ4130MF

D361 MA3X151KOL
D362 MA3X151KOL
D363 MA3X151KOL

MAZ31100LL D353

MSB709-T1 Q369

D360 BOEAKM000058

D356 MA3X151KOL

R382 10k
R383 180k
R384 0
C384 220u 16V

L3812 4.7u

C3841 16V 1u

R3844 100

R3841 100

R3847 100
R3846 330

JS3811

JS3801
JS3802
JS3803

JS3812
JS3804
JS3805
JS3815
JS3813
JS3806
JS3807
JS3814
JS3808
JS3809
JS3816
JS3817
JS3846
JS917
JS916
JS915

TP903 144V

TP3804 K3B10CA00037

FOCUSGND
TO CRT

TRL1 GUARD-R
TRL8
TRL2
TRL3
TRL9
TRL12 208V

L13
L12
L10
L3
L2

C6 R911 0
C4
C7

T1 V86LWD255X

RED
GRN
BLU
G1 G2 G3 G5
DMF CRT

EHT
SCREEN(ORANGE)
AF2(WHITE)
AF1(RED)

C3838 3300p 2kV

GND3
Heater
144V
225V

C393 4700p 500V
C915 33u 160V
D3808 BOHAGP000003

YM COIL

L800 10u
C906 0.1u

L806 33u
C905 16V 220u
C907 0.1u

R940 1k
R941 1k

R915 220
R916 220
R917 10
R926 150

Q912 2SC3311ASA
Q906 2SD0592AW
Q910 2SA1309ASA
Q904 2SA1309ASA
Q911 2SC3311ASA
Q905 2SC3311ASA
Q913 2SA1309ASA
Q907 2SB0621AWA

R903 22k
R907 680
R913 0
R916 0
R912 680

Q901
Q903 2SC3311ASA

R900 100
C901 1000p
R905 0
R904 3.9k
R908 150
R937 120
C902 16V 0.1u
C903 0.1u
R901 100

2SD0601AQL
2SD0601ARL
2SC2412KRT

R938 0
C904 J/P

C900 0.1u 16V
Q900 B1ABCF000010
R902 6.8k
R906 33k

2SD0601AQL
2SC2412KT
2SD0601ARL

R923 0

C910 100V 0.022u
C914 100V 0.022u
C911 400V 0.1u
C912 160V 33u

R924 560
R925 68k
R926 68k
R927 560

Q908 B1BCBL000016
Q909 B1BABL000016

L903 EXCELSA35T
L904 EXCELSA35T
L902 J/P
L907 EXCELDR35U

R931 2.2
R932 3.3
R933 3.3
R929 2.2
R930 82

C919 1000p
C916 16V 100u
C920 1000p
C917 16V 100u
C918 16V 220u

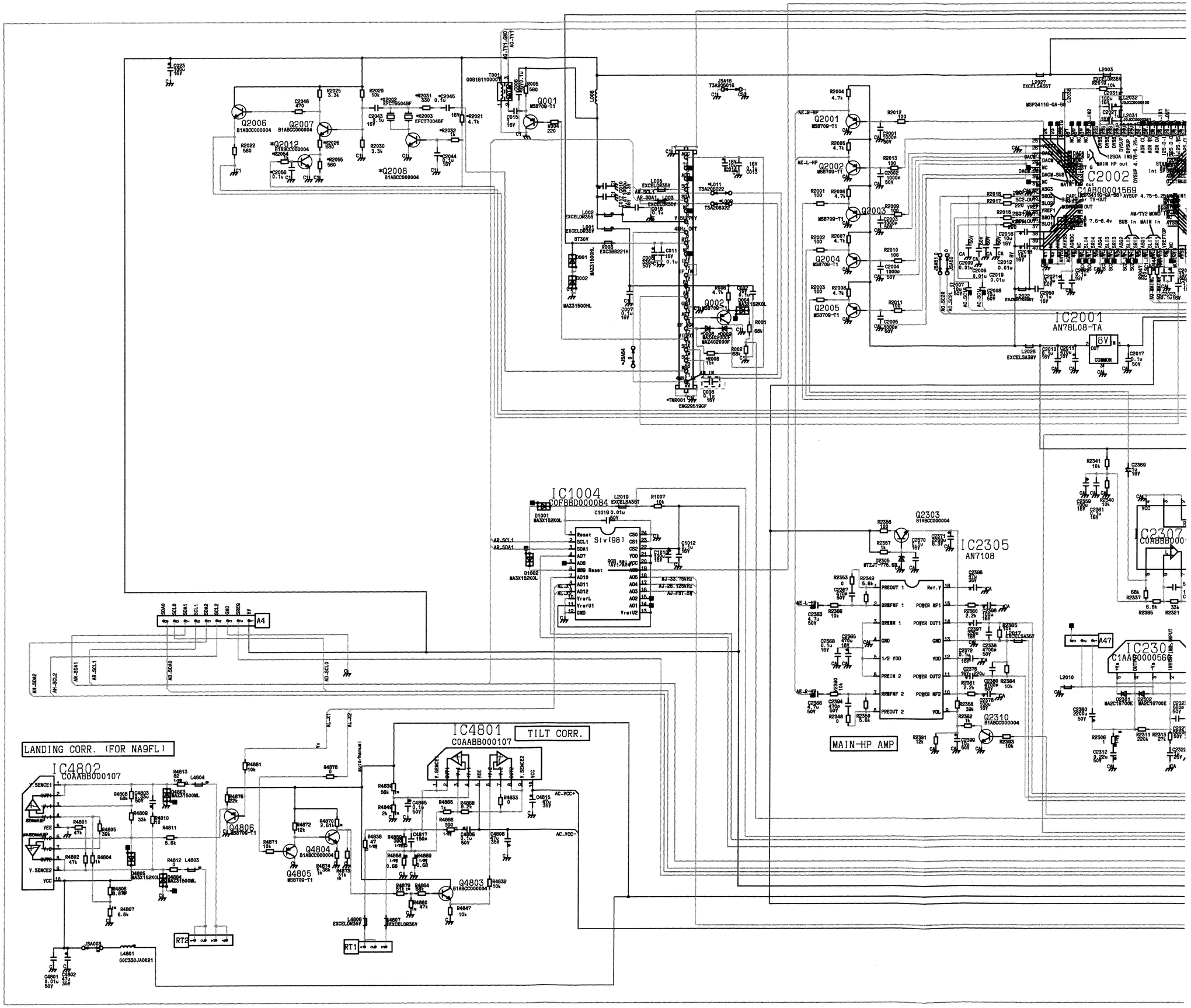
R935 680
R942 680

R934 330

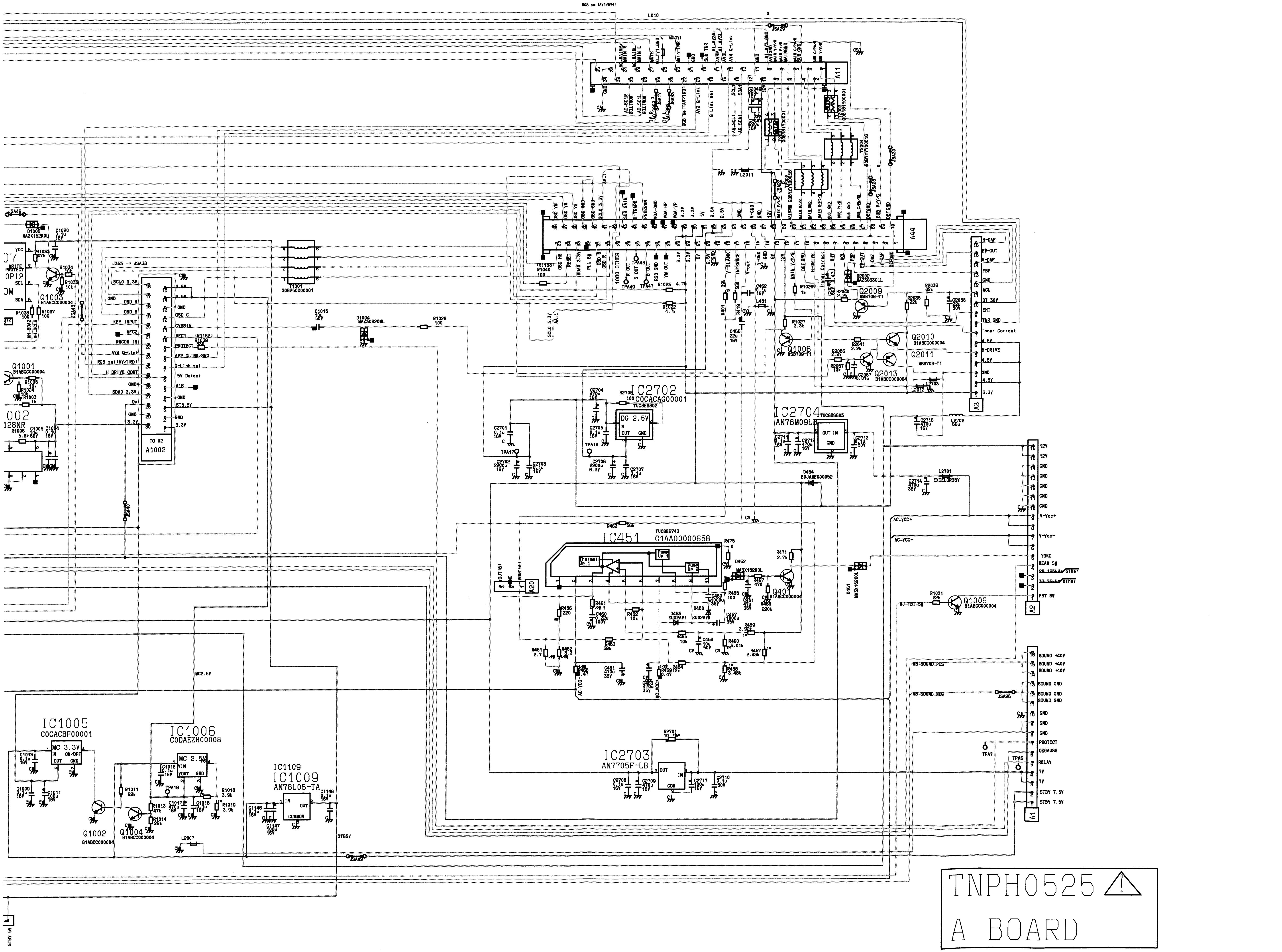
C908 0.01u

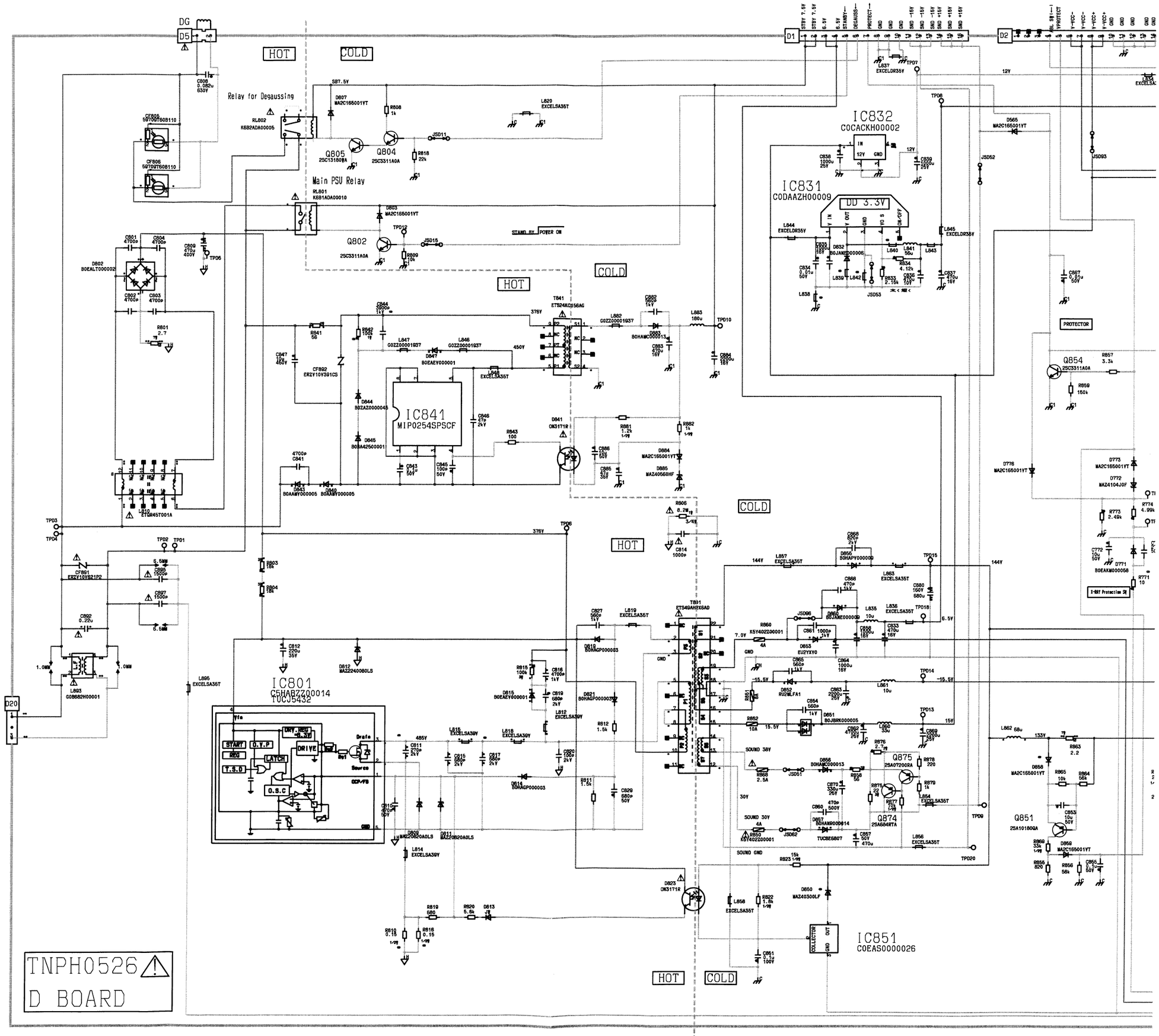
C915 33u 160V

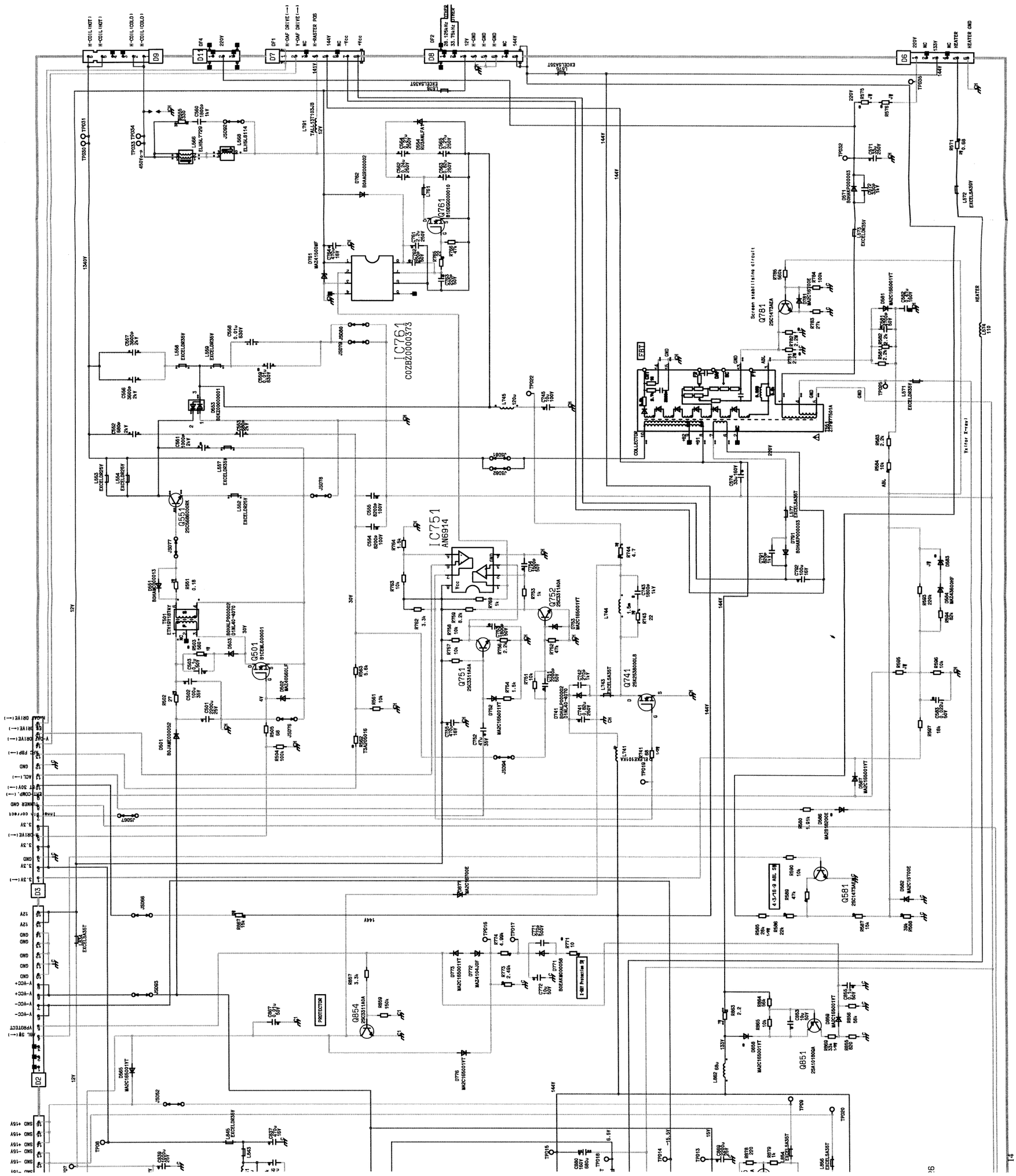
TNPA2865 ⚠
L BOARD

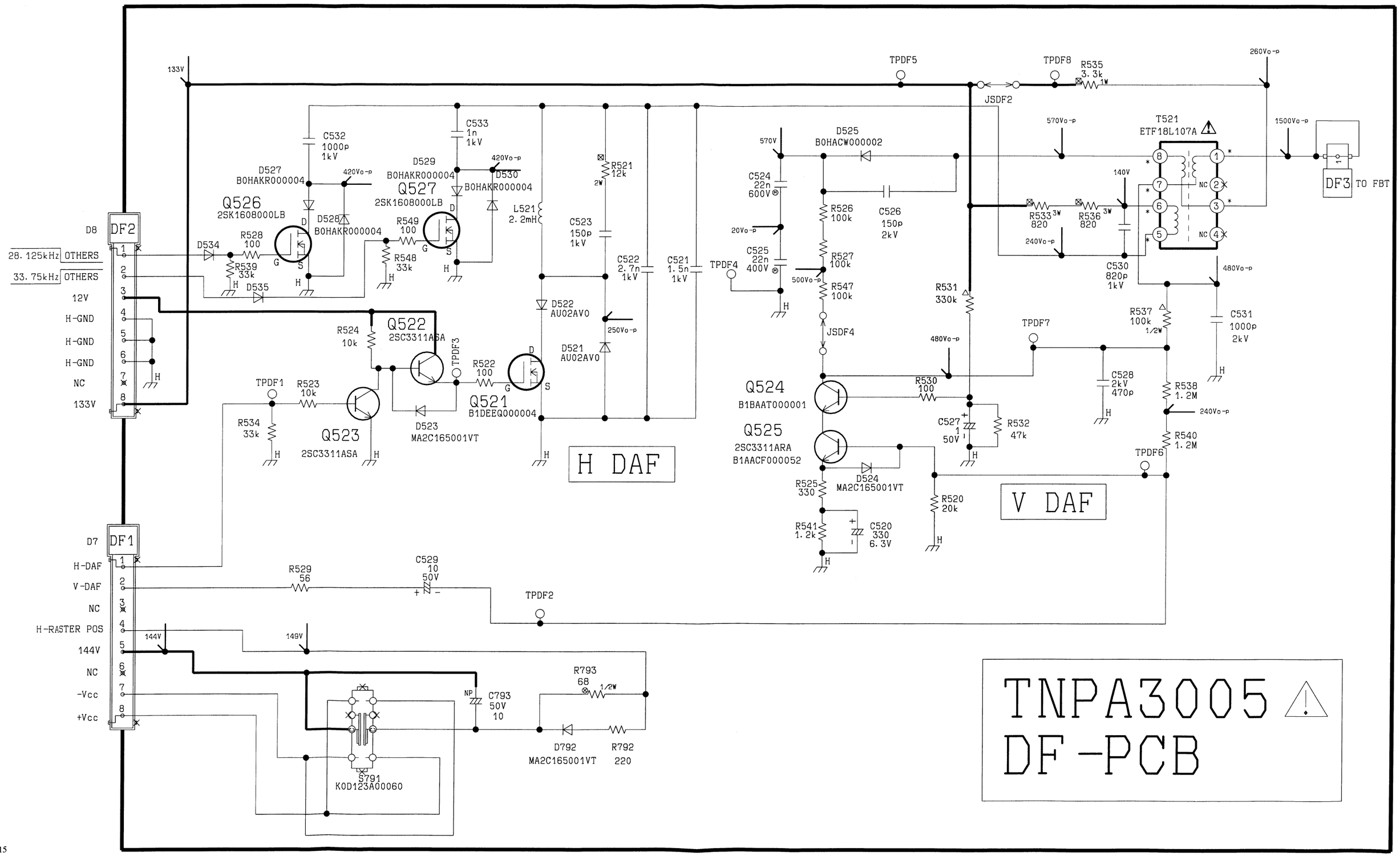

IC2001
AN78L08-TA
IC2002
C1AB00001569
IC2305
AN7108
MAIN-HP AMP
IC1004
C0FBBD000084
IC4801
C0AABB000107
TILT CORR.
IC4802
C0AABB000107
LANDING CORR. (FOR NA9FL)
Q2001
Q2002
Q2003
Q2004
Q2005
Q2006
Q2007
*Q2008
Q2303
Q2310
Q001
Q002
Q4803
Q4804
Q4805
Q4806
T001
G0B181Y00001
A4
A47
MAIN HP out
SUB In MAIN In
AM-TY2 MONO
AV-TY1-GND
AV-TY1
AR-SCL1
AR-SDA1
AH-SDA2
AH-SCL2
AD-SDA0
AD-SCL0
AVSUP 4.75-5.25V
DVSUP 4.75-5.25V
7.6-8.4v
8V
OUT
COMMON

IC2002
C1AAB0001569
IC2001
AN78L08-TA
IC2003
AN78M05LB
IC1001
C0EAH0000067
IC1007
24C3210P12
EEPROM
IC1002
PST9128NR
IC2307
C0ABBB000102
IC2303
M5243AFP09
C1BB00000510
IC2302
C1BA00000269
IC2301
C1AAB0000566
IC1005
C0CACBF00001
Q2305
Q2306
Q2307
Q2312
Q2302
Q2304
Q1001
Q1002
Q1003
Q1007
A47
A45
A7
A6
A1001
TO U1


TNPH0525
A BOARD
IC451
C1AA00000658
TUC8E6743
IC2702
C0CACAG00001
TUC8E6802
DG 2.5V
IC2703
AN7705F-LB
IC2704
AN78M09LB
TUC8E6803
IC1005
C0CACBF00001
MC 3.3V
IC1006
C0DAEZH00008
MC 2.5V
IC1109
IC1009
AN78L05-TA
A1002
TO U2
A11
A44
A3
A2
A1
A20
T1001
G0B250D00001
Q1001
Q1002
Q1003
Q1004
Q1006
Q1009
Q2009
Q2010
Q2011
Q2013
Q401
D1004
MAZ30620ML
D1005
MA3X152K0L
D2002
MAZ30330LL
D451
D452
D453
D454
B0JAME000052
L2701
L2702
L2011
L2007
MC2.5V
STB5V
STBY 5V
12V
GND
V-Vcc+
V-Vcc-
YOKO
BEAM SW
FBT SW
SOUND +40V
SOUND GND
PROTECT
DEGAUSS
RELAY
7V
STBY 7.5V
H-DAF
EW-OUT
V-DAF
FBP
ACL
BT 30V
EHT
TNR GND
Inner Correct
4.5V
H-DRIVE
3.3V
AC-VCC+
AC-VCC-
AB-SOUND-POS
AB-SOUND-NEG
AJ-FBT-SW

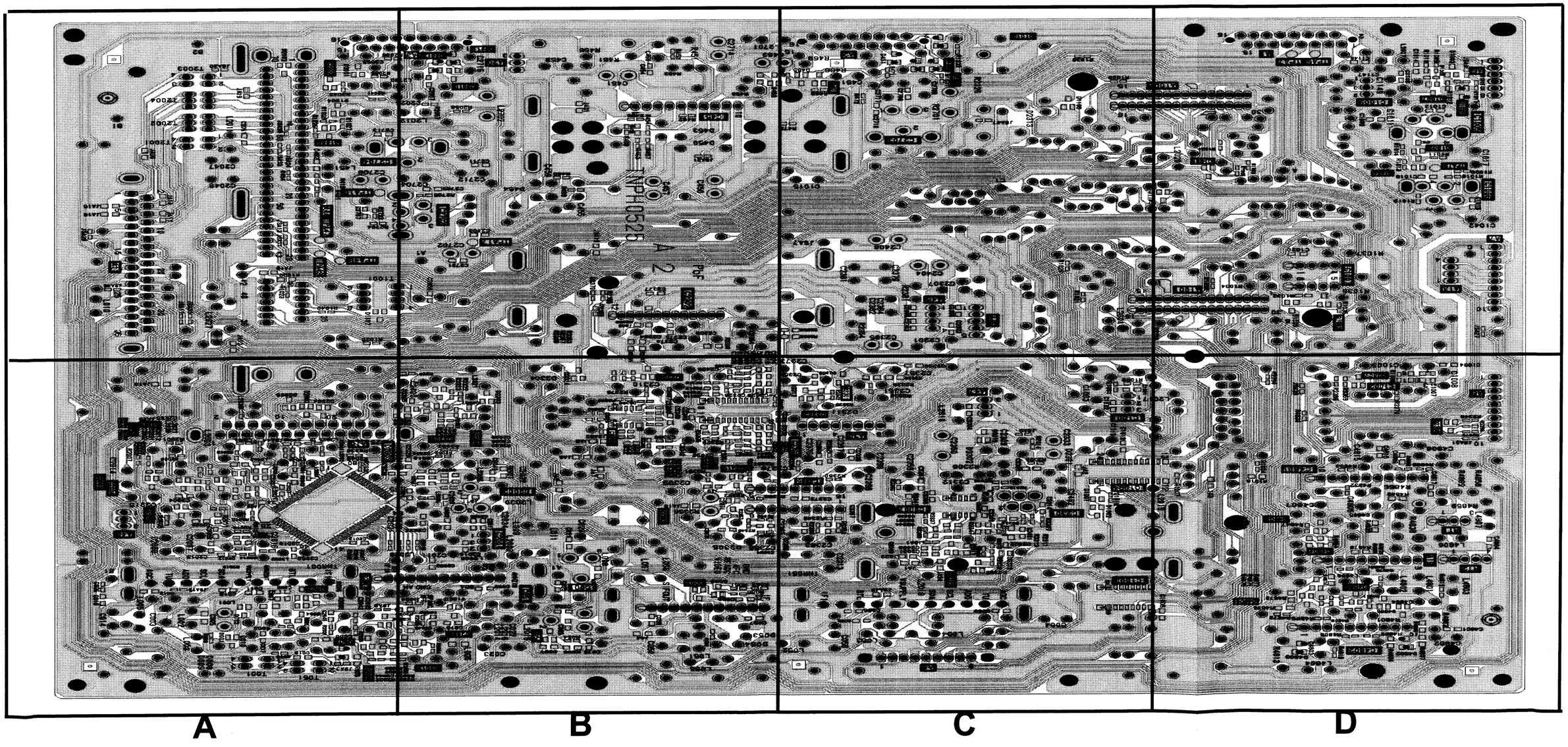

TNPH0526
D BOARD
HOT
COLD
Relay for Degaussing
Main PSU Relay
IC831
C0DAAZH00009
IC832
C0CACKH00002
IC841
MIP0254SPSCF
IC801
C5HABZZ00014
IC851
C0EAS0000026
Q805
Q804
Q802
Q854
Q851
Q875
Q874
PROTECTOR
STAND BY
POWER ON

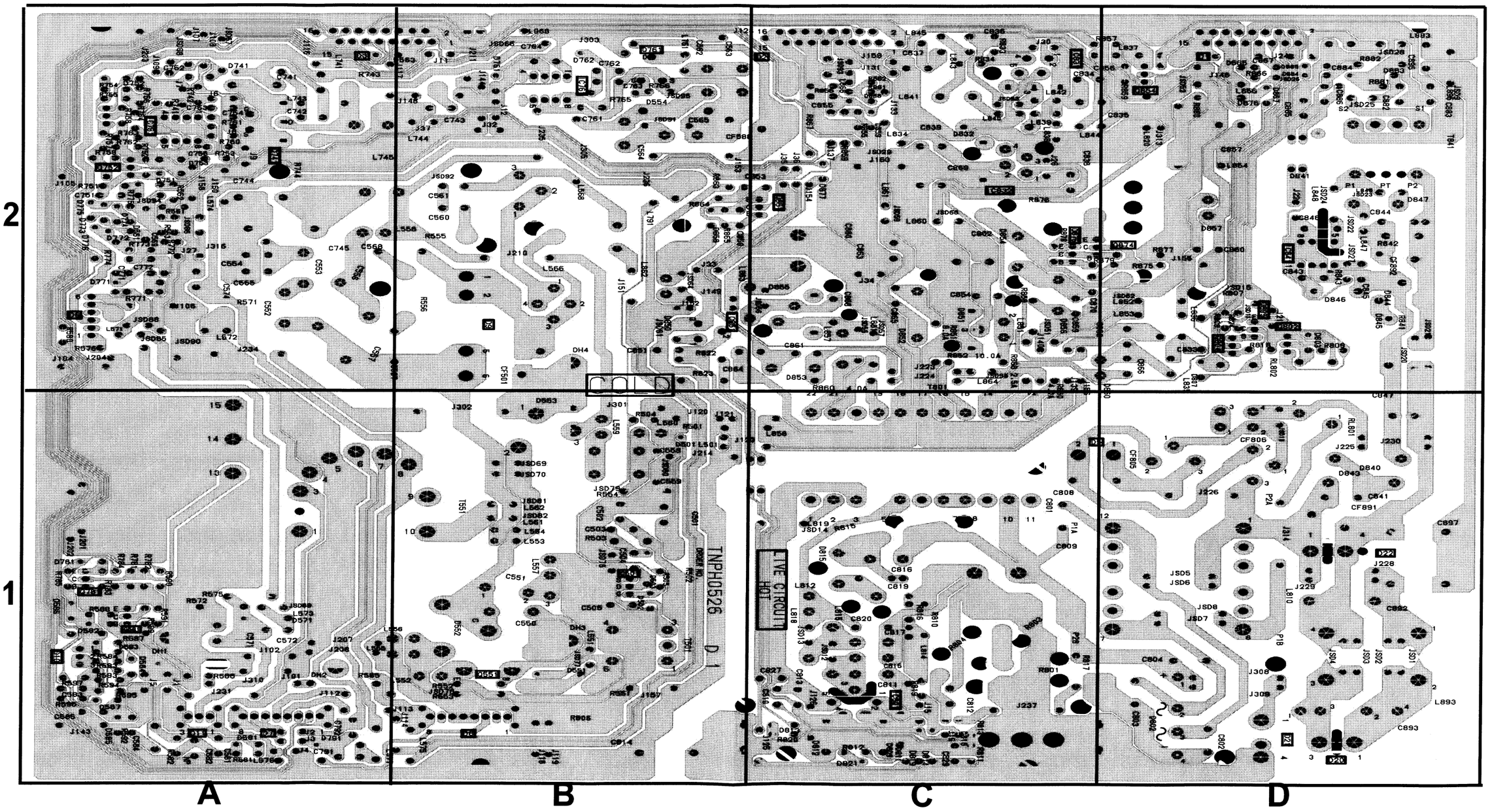

IC7761
C0ZBZ0000373
IC7751
AN6914
Q7761
2SJ313
Q7751
2SC3311A0A
Q7741
2SK3538000LB
Q0501
B1CDBL000001
Q0551
2SC5686000AR
Q0781
2SC1473A6A
Q0851
2SA1018O0A
Q0854
2SC3311A0A
Screen stabilising circuit
PROTECTOR
+24V Protection IC
H-COIL(HOT)
H-COIL(COLD)
H-DAF DRIVE(—)
V-DAF DRIVE(—)
H-RASTER POS
H-GND
V-GND
HEATER
HEATER GND
DEGAUSS
TUNER
AGC
SCL
SDA
GND
+5V
+8V
+12V
+15V
-15V
+16V
-16V
144V
30V
12V
6.5V
220V
135V
133V


D8
DF2
28.125kHz OTHERS
33.75kHz OTHERS
12V
H-GND
H-GND
H-GND
NC
133V
D7
DF1
H-DAF
V-DAF
NC
H-RASTER POS
144V
NC
-Vcc
+Vcc
133V
TPDF5
TPDF8
R535 3.3k 1W
260Vo-p
JSDF2
570Vo-p
T521 ETF18L107A
1500Vo-p
DF3 TO FBT
140V
R533 820 3W
R536 820 3W
240Vo-p
C530 820p 1kV
480Vo-p
C531 1000p 2kV
R537 100k 1/2W
TPDF7
C528 2kV 470p
R538 1.2M
240Vo-p
R540 1.2M
TPDF6
V DAF
570V
D525 B0HACW000002
C524 22n 600V
C526 150p 2kV
20Vo-p
C525 22n 400V
TPDF4
500Vo-p
R526 100k
R527 100k
R547 100k
JSDF4
R531 330k
480Vo-p
R530 100
Q524 B1BAAT000001
Q525 2SC3311ARA B1AACF000052
C527 1 50V
R532 47k
D524 MA2C165001VT
R525 330
R541 1.2k
C520 330 6.3V
R520 20k
C532 1000p 1kV
C533 1n 1kV
D527 B0HAKR000004
420Vo-p
D529 B0HAKR000004
D530 B0HAKR000004
Q526 2SK1608000LB
Q527 2SK1608000LB
D528 B0HAKR000004
R528 100
R549 100
R539 33k
R548 33k
D534
D535
L521 2.2mH
R521 12k 2W
C523 150p 1kV
C522 2.7n 1kV
C521 1.5n 1kV
250Vo-p
D522 AU02AV0
D521 AU02AV0
R524 10k
Q522 2SC3311ASA
TPDF3
R522 100
Q521 B1DEEQ000004
TPDF1
R523 10k
R534 33k
Q523 2SC3311ASA
D523 MA2C165001VT
H DAF
R529 56
C529 10 50V
TPDF2
144V
149V
NP
C793 50V 10
R793 68 1/2W
D792 MA2C165001VT
R792 220
S791 K0D123A00060
TNPA3003
DF-PCB

TNPH0525 – A - BOARD

DIODES		D452	B2	D2001	A2	D2306		D4803	D1	Q1003	D2	Q2004	A1	Q2301	C1	Q4803	D1	TPA19	D2	IC1003	C1	IC2302	B2
D001	A1	D453	B2	D2002	A2	D2307	B1	D4804	D1	Q1004	D2	Q2005	A1	Q2302	C1	Q4804	D1	TPA47	A2	IC1004	C1	IC2303	B1
D002	A1	D454	B2	D2003	A1	D2308	C1	D4805	D1	Q1005	D2	Q2006	B1	Q2303	B1	Q4805	D1	TPA48	A2	IC1005	D2	IC2305	C1
D008	A1	D455	C2	D2004	A1	D2309	D2	TRANSIST'S		Q1006	A2	Q2007	A1	Q2304	B1	Q4806	D1	TPA49	A2	IC1006	D2	IC2306	B1
D009	A1	D1001	C1	D2005	A1	D2310	C1	Q001	A1	Q1008	C2	Q2008	A1	Q2305	B1	TEST POINTS		I.C.'s		IC1007	D2	IC2307	C1
D053	B1	D1003	D2	D2301	C1	D2311	C1	Q002	A1	Q1009	C2	Q2009	A2	Q2306	B1	TPA6	D2	IC001	B1	IC1009	D2	IC2702	B2
D054	B1	D1005	D2	D2302	C1	D2313	C2	Q051	A1	Q1010	C2	Q2010	B2	Q2307	D1	TPA7	D2	IC051	B1	IC2001	B1	IC2703	C2
D055	B1	D1105	D2	D2303	B1	D2314	B1	Q052	A1	Q2001	B1	Q2011	B2	Q2308	D1	TPA17	B2	IC451	B2	IC2002	A1	IC2704	B2
D450	B2	D1106	C2	D2304	B1	D2315	C1	Q1001	D2	Q2002	A1	Q2012	B1	Q2310	B1	TPA18	A2	IC1001	C1	IC2003	B1	IC4801	D1
D451	C2	D1107	A2	D2306	B1	D4802	D1	Q1002	D2	Q2003	A1	Q2013	B2	Q2312	C1	TPA19	D2	IC1002	D1	IC2301	C1	IC4802	D1



TNPH0526 – D - BOARD

DIODES		D581	A1	D762	B2	D811	C1	D844	D2	D858	B2	Q551	B1	Q875	C2
D501	B1	D582	A1	D771	A2	D812	C1	D845	D2	D859	C2	Q581	A1	I.C.'s	
D502	B1	D583	A1	D772	A2	D813	C1	D846	D2	D860	D2	Q741	A2	IC751	C2
D503	B1	D584	A1	D773	A2	D814	C1	D847	D2	D867	D2	Q742	A2	IC761	B2
D551	B1	D585	A1	D774	A2	D815	C1	D850	B2	D868	C2	Q761	B2	IC801	C1
D552	B1	D586	A1	D775	A2	D816	C1	D851	C2	D876	D2	Q781	A1	IC831	C2
D553	B1	D587	A1	D776	A2	D819	C1	D852	C2	D877	C2	Q802	D2	IC832	C2
D554	B2	D741	A2	D791	A1	D821	C1	D853	C2	D883	D2	Q804	D2	IC841	D2
D561	A2	D751	A2	D802	D1	D832	C2	D854	C2	D884	D2	Q805	D2	IC851	B2
D563	B2	D752	A2	D803	D2	D840	D1	D855	C2	D885	D2	Q851	C2		
D565	D2	D753	A2	D807	D2	D841	D2	D856	C2	TRANSISTORS		Q854	D2		
D571	A1	D761	B2	D809	C1	D843	D1	D857	D2	Q501	B1	Q874	C2